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PREFATORY NOTE

This is the third list in which the Division of Bibliography has had the cooperation of the State and Legislative Reference librarians throughout the country. Additions or suggestions were received from the following states:

California.	Ohio.
Louisiana.	Pennsylvania.
Maine.	Rhode Island.
Massachusetts.	Texas.
Michigan.	Wisconsin.

Some of the cooperators suggested that arguments in favor of Federal control and arguments in favor of state control be separately grouped. A great many references could be arranged quite naturally under the one or the other of these heads, but the bulk of the material did not lend itself to such treatment. It seemed best to meet the needs of debaters by means of the index under the headings Federal control, Federal vs. state control, and State control, and to adopt a classification more nearly suited to the character of the subject.

The references have therefore been classified under the headings Bibliography, General works, Mineral resources, Water, Forests, Land and soil, and Human life. The conservation of human life opens up the whole subject of public health and hygiene and also of eugenics. These are not included in the list, the references in this section being confined to general discussions of the movement, its needs and opportunities.

The Canadian conservation question is so closely akin to ours, and touches us at so many points, that a brief section has been devoted to Canada. It includes only a few even of the more important references, but those desiring additional material will find an abundance in the Catalogue of Publications of the Canadian Commission of Conservation, a copy of which was received from Mr. James White, Secretary of the Commission, too late to go into the body of the list. Mention should also be made of the Bibliography prepared by Mr. Arthur V. White, and printed on pages 347–376 of the report on the Water-Powers of Canada published by the Canadian Commission of Conservation in 1911.

A comprehensive treatment of the subject will be found in Van Hise's "The Conservation of Natural Resources in the United States." Briefer discussions by various writers were printed in the Annals of the American Academy of Political and Social Science, vol. 33, no. 3. Of the first importance also are the "Proceedings of a Conference of Governors in the White House, May 13–15, 1908," the Proceedings of the 1st–3d National Conservation Congresses, 1909–1911, and the Report of the National Conservation Commission, 3 vol., 1909.

H. H. B. Meyer
Chief Bibliographer

Herbert Putnam
Librarian of Congress
Washington, D. C., Dec. 1912.

BIBLIOGRAPHY

1 **Brooklyn. Public library.** Trees, forestry and lumbering; a list of books and of references to periodicals in the Brooklyn public library.

Brooklyn, N. Y., The Brooklyn public library, 1911. 40 p. 16cm.

Forestry and conservation of forests: p. 13–18, 30–40.

11–31851 **Z5991.Z9B8**

2 **Current** events index. Social subjects supplement. A select bibliography.

[*Madison, Wis., Wisconsin library commission, 1909.*] *27 p. 25½cm.*

Forestry and conservation of natural resources: p. 9.

AI 3.C9 1909

3 **Journal of political economy.** Bibliography of economics for 1909; a cumulation of bibliography appearing in the Journal of political economy from February, 1909 to January, 1910, inclusive; ed. by the Faculty of the Department of political economy of the University of Chicago.

Chicago, Ill., The University of Chicago press, [c*1910*]. *xiii, 282 p. 25cm.*

"Conservation in the United States": p. 26–28.

10–19193 **Z7163.J86**

4 **Stockbridge,** Helen E., *comp.* References on the Appalachian and White Mountains.

American conservation, June, 1911, v. 1: 187–190.

HC101.A45,v.1

5 **Tucker, Mary Lathrop,** "*Mrs.* **F. H. Tucker.**" Handbook of conservation.

Boston, Geo. H. Ellis co., printers, 1911. viii, 91 p. 20½cm.

Bibliography: p. 88–91.

11–4804 **HC106.T8**

6 **U. S.** *Forest service. Library.* Current literature. (Books and periodicals indexed in the Library of the United States Forest service.) May, 1910–date.

[*Washington, D. C., American forestry association*], *1910–date.*

Reprinted from the American forestry.

---

* Items starred thus * not at present in the Library of Congress.

7 **U. S.** *Geological survey.* Publications of the United States Geological survey relating to water resources.
[*Washington, 1909.*] *15 p. 23cm.*
G S 9–117

7a ——— *Superintendent of documents.* Fishes: list of United States government publications for sale by the superintendent of documents, Washington, D. C. [3d ed.]
[*Washington, Govt. print. off., 1911.*] *107 p. 21cm.* (*Price list 21. 3d ed.*)
11–35780 **Z1223.A191 no. 21 3d ed.**
Z5974.U5U65'11

8 ——— ——— Forest service publications. Agriculture department, U. S. A. For sale by the superintendent of documents, Washington, D. C. [3d ed.]
[*Washington, Govt. print. off., 1911.*] *15 p. 20½cm.* (*Price list 43. 3d ed.*)
11–35376 **Z1223.A191 no. 43 3d ed.**
Z5991.U65

9 ——— ——— Lands. United States public documents relating to lands, irrigation and reclamation, conservation, forests, etc. For sale by the superintendent of documents, Washington, D. C. [5th ed.]
[*Washington, Govt. print. off., 1912.*] *81 p. 20½cm.* (*Price list 20. 5th ed.*)
12–35854 **Z1223.A191 no. 20, 5th ed.**
Z7164.L3U54

10 ——— ——— Soils bureau. Bulletins, circulars, and field operations of the Soils bureau, Agriculture department, U. S. A. For sale by the superintendent of documents, Washington, D. C. [4th ed.]
[*Washington, Govt. print. off., 1912.*] *15 p. 20½cm.* (*Price list 46. 4th ed.*)
12–35712 **Z1223.A191 no. 46, 4th ed.**
Z5074.S7U64

11 ——— ——— United States public documents relating to health and hygiene, including water pollution and purification, food and diet, etc. For sale by the superintendent of documents, Washington, D. C. [2d ed.]
[*Washington, Govt. print. off., 1911.*] *110 p. 20½cm.* (*Price list 51. 2d ed.*)
11–35850 **Z1223.A191 no. 51 2d ed.**
Z6673.U56 1911

12 ***Washington. State library.** Select list of references on conservation of natural resources; comp. by Josephine Holgate.
Olympia, 1911. 38 p.

13 **Wells,** Philip P., *comp.* References on the conservation of natural resources in general.
American conservation, Apr. 1911, v. 1: 110–113.
HC101.A45,v.1

14 ——— References on waters and water power.
American conservation, Mar. 1911, v. 1: 70–74.
HC101.A45,v.1

15 **Zon,** Raphael, *comp.* References on the relation of forests to erosion.
American conservation, May, 1911, v. 1: 150–152.
HC101.A45,v.1

GENERAL

BOOKS

16 **Ambler,** Mason G. A plea for the preservation of our forests, streams and fuels.

(*In* West Virginia bar association. Proceedings, 1905. Parkersburg, W. Va., 1906. 24cm. p. 106–118.)

17 **American academy of political and social science.** *Philadelphia.* Conservation of natural resources.

Philadelphia, American academy of political and social science, 1909. iii, [1], 256 p. 26cm. (The annals of the American academy of political and social science. vol. XXXIII, no. 3.)

CONTENTS.—pt. 1. Forestry on private lands, by G. Pinchot; Public regulation of private forests, by H. S. Graves; Can the states regulate private forests? by F. C. Zacharie.—pt. 2. Water as a resource, by W J McGee; Water power in the United States, by M. O. Leighton; The scope of state and federal legislation concerning the use of waters, by C. E. Wright; The necessity for state or federal regulation of water power development, by C. W. Baker; Federal control of water power in Switzerland, by T. Cleveland.—pt. 3. Classification of the public lands, by G. W. Woodruff; A summary of our most important land laws, by K. Nelson; Indian lands: their administration with reference to present and future use, by F. E. Leupp; The conservation and preservation of soil fertility, by C. G. Hopkins; Farm tenure in the United States, by H. Gannett; What may be accomplished by reclamation, by F. H. Newell; The legal problems of reclamation of lands by means of irrigation, by M. Bien.—pt. 4. Our mineral resources, by G. O. Smith; The production and waste of mineral resources and their bearing on conservation, by J. A. Holmes; Preservation of the phosphates and the conservation of the soil, by C. R. Van Hise.

9-14081 **H1.A4**

18 **American** conservation. v. 1, no. 1–7; Feb.–Aug. 1911.

Washington, D. C., National conservation association, 1911. 265 p. illus. 26cm. monthly.

T. R. Shipp, editor.

No more published.

12-7728 **HC101.A45**

19 The **American** year book; a record of events and progress 1910–1911.
New York and London, D. Appleton and company, 1911–12. 2 v. 20½ cm.
1910. The conservation question: p. 39–44; The conservation of national resources: p. 293–302.
1911. The conservation question: p. 53–56; Conservation: Mineral resources, by David T. Day, p. 420–423; Forestry, by Edwin A. Start, p. 423–425; Reclamation and irrigation, by Arthur P. Davis, p. 425–433.
11–1626 **E171.A585**

20 ***Armenteras,** Andrés Avelino de. El problema forestal en la América latina y su influencia en las inundaciones.
Madrid, Impr. de los Hijos de M. G. Hernández, 1910.

21 **Blackmar,** F. W. The conservation of natural resources.
(*In* National irrigation congress. Official proceedings. Sept. 29–30, Oct. 1–3, 1908. Albuquerque, N. M., [1908?] 23cm. p. 311–322.) **HD1726.N2 1908**

21a **Burk,** Frederic Lister. The teacher's part in conservation.
(*In* National education association of the United States. Journal of proceedings and addresses, 1911. p. 970–977.)
E 12–488 **L13.N4 1911**

22 **California.** *Dept. of public instruction.* Conservation of natural resources. From the twenty-third biennial report of Edward Hyatt, superintendent of public instruction.
Sacramento, Cal., 1909. 98 p. illus. 22½ cm.
9–29708 **HC107.C2A6 1909**

23 ——— *Governor, 1911– (Hiram W. Johnson)* Inaugural address . . . Jan. 3, 1911.
Sacramento, W. W. Shannon, 1911. 13 p. 22cm.
"Conservation": p. 12. **J87.C22 1911 Jan. 3**

24 **Clerget,** Pierre. Géographie économique, l'exploitation rationnelle du globe.
Paris, O. Doin et fils, 1912. 2 p. l., 473 p. incl. tables. 18½ cm. (Encyclopédie scientifique, pub. sous la direction du Dr. Toulouse. Bibliothèque de sociologie appliquée, directeur: T. Ruyssen.)
"Index bibliographique": p. 455–459.
12–16299 **HF1025.C7**

25 **Cleveland,** Treadwell, *jr.* A primer of conservation. (Includes excerpts from addresses given at the White House conference of governors.)
Washington, Govt. print. off., 1908. 24 p. 23cm. (U. S. Forest service. Circular 157.)
Agr 8–950 **SD11.A27, no. 157**

26 **Colorado.** *Conservation commission.* Report.
Denver, Col., 1910. 191 p. 23cm.
12-12752 **HC107.C7A25**

26a **Commonwealth club of California.** Conservation.
(*In its* Transactions, June, 1912, v. 7: 69–314.)
CONTENTS.—"The doubtful zone of authority between state and federal authority": Addresses by Curtis H. Lindley, Frank H. Short, Charles S. Wheeler, Theodore Roosevelt. Reports of Committee on Agricultural lands, Forestry, Fuel, Minerals other than fuel; Water supply and irrigation; Water power.

27 **Conference on conservation of natural resources,** *Washington,* 1908. Declaration of governors for conservation of natural resources.
Washington, Govt. print. off., 1908. 7 p. 23cm. (U. S. Dept. agriculture. Farmers' bulletin 340.)
Agr 8-1074* **S21.A6, no. 34**

28 ——— Proceedings of a conference of governors in the White House, Washington, D. C. May 13–15, 1908, ed. under the direction of Newton C. Blanchard, chairman, John Franklin Fort, John C. Cutler, James O. Davidson, Martin F. Ansel, the committee of governors, by W J McGee.
Washington, Govt. print. off., 1909. xxxvii, 451 p. port.-group, diagrs. 27cm.
9-9567 **HC101.C7 1908 a**

29 ——— The White House conference on the conservation of natural resources: May 13–15, 1908. Declaration of the governors as adopted May 15, 1908. The value of natural scenery, address delivered before the Conference May 14, 1908, by J. Horace McFarland.
Philadelphia, Pa., [1908]. 16 p. 20½cm. (American civic association. [Publications] Series II no. 3, June, 1908.)
9-9571 **HC101.C7 1908**

30 **Crocker,** *Mrs.* Emmons. What women are doing for conservation.
(*In* National irrigation congress. Proceedings, 1909. Spokane, Wash., 1909. 23cm. p. 278–282.)
HD1726.N2 1909

31 **Cronau,** Rudolf. Our wasteful nation; the story of American prodigality and the abuse of our national resources.
New York, M. Kennerley, [c1908]. 134 p. front., plates. 20cm.
9-145 **HC106.C8**

32 **Daughters of the American revolution.** *National conservation committee.* Annual report. 1910–11.
[*n. p., 1911.*] *14 p. 23cm.*
Reprint from Proceedings Twentieth Continental congress, National society, D. A. R.
CA 12–106 Unrev'd **HC106.D26**

33 **Douglas,** James. Conservation of natural resources.
(*In* Smithsonian institution. Annual report. 1909. Washington, 1910. 23½cm. p. 317–329.)
Reprinted from Bulletin of the American institute of mining engineers, New York, no. 29, May, 1909, p. 439–451.
Also printed separately.
11–9872 **Q11.S66 1909**

34 **Farquhar,** Arthur B. Conservation: an address at the First national conservation congress, Alaska-Yukon-Pacific exposition, Seattle, Washington, Aug. 26, 27, 28, 1909.
York, Pa.: A. B. Farquhar, 1909. 12 p. 23cm.
Separate not in Library of Congress. See no. 58 below.

35 [**Fletcher,** Henry Frederick.] Ethics of conservation.
[*Rockville, Conn., Printed by T. F. Rady & co., c1910.*] *cover-title, 18 p. 19cm.*
12–1250

35a **Foulke,** William Dudley. Conservation in municipalities.
(*In* National municipal league. Proceedings, Buffalo, 1910. [Philadelphia], 1910. 23cm. p. 12–21.) **JS302.N48 1910**

36 **Grave,** Caswell. Notes on the history of the oyster in Maryland and the physical valuation of her oyster properties.
[*Baltimore? 1912?*] *11 p. fold. diagr. 24½cm.*
12–33321 **SH365.M3G7**

37 **Gregory,** Mary Huston. Checking the waste; a study in conservation.
Indianapolis, The Bobbs-Merrill company, 1911. 5 p. l., 318 p. 19cm.
11–7313 **HC106.G8**

38 **Hardtner,** Henry E. *and* Fred J. **Grace.** Louisiana. The leader of the South in conservation legislation. Addresses.
[*New Orleans, Louisiana printing co., ltd., 1911.*] *20 p. incl. ports. 23cm.*
11–33115 **HC107.L8H2**

39 **Hawaii** (*Ter.*). *Legislature*, 1909. Conservation of Hawaii's natural resources. Before the Legislature, 1909. Addresses by the governor and his conferees who attended the governor's conference with the President in Washington, D. C., in May, 1908, and by others.

Honolulu, Hawaiian gazette co., ltd., 1909. 21 p. 23cm.

Hon. R. W. Shingle in the chair.

Reprinted for general distribution by the Board of commissioners of agriculture and forestry.

Pub. also in Hawaiian, with title: Ka malama ana o ko Hawaii mau waiwai.

Addresses by Gov. Walter F. Frear, R. S. Hosmer, Jared G. Smith, Sanford B. Dole, E. V. Wilcox, and W. O. Smith.

9–13577 **HC687.H3A5 1909 a**

40 **Hewitt,** Abram Stevens. Our national inheritance, and how to enjoy it. Speech of Hon. Abram S. Hewitt, of New York, delivered in the House of Representatives, February 11, 1879.

Washington, [Govt. print. off.], 1879. 16 p. 21cm.

10–33517 **HC106.H5**

41 **Hichborn,** Franklin. Story of the session of the California Legislature of 1911.

San Francisco, Press of the James H. Barry company, 1911. 4 p. l., [11]–348, lxvii p. 20cm.

"The conservation measures": p. 156–168.

11–31805 **F866.H575**

42 **Hill,** James Jerome. Highways of progress.

New York, Doubleday, Page & company, 1910. x, 353 p. 20½ cm.

Republished from various sources.

CONTENTS.—The nation's future.—Agriculture and the national life.—Farm methods—old and new.—Reciprocity with Canada.—Commerce.—Industrial and railroad consolidations.—The Northwest.—Oriental trade.—Irrigation and drainage.—Waterways.—The railroad.—The conservation of capital.—The natural wealth of the land and its conservation.

10–14659 **HC106.H57**

43 **Holmes,** Oliver Wendell. State conservation of natural resources.

(*In* Reinsch, Paul S., *ed.* Readings on American state government. New York, [1911]. 21½cm. p. 262–265.) **JK2408.R5**

Decision, reprinted from United States reports, v. 209, p. 349, ff.

44 **Hughes,** Charles E. Conservation of natural resources in the state of New York.

(*In* Conference of governors, 1908. Proceedings. Washington, 1909. 27cm. p. 314–330.) **HC101.C7 1908**

Reprinted in Paul S. Reinsch's Readings on American state government, New York, 1911, p. 271–284. **JK2408.R5**

44a **Intercollegiate debates.** (Vol. II.) A year book of college debating. Edited by Egbert Ray Nichols.
New York, Hinds, Nobel & Eldredge, [1912]. 833 p. 20cm.
"Conservation of national resources, Federal vs. state control": p. 233–280.
"Penn college bibliography": p. 279–280. **H35.I6,v.2**

44b **International fisheries commission** (*U. S. and Gt. Brit.*) Protection and preservation of food fishes in international boundary waters of the United States and Canada. Message from the President, transmitting a report by the Secretary of state submitting a system of uniform and common international regulations for the protection and preservation of the food fishes.
[*Washington, Govt. print. off., 1910.*] *19 p. 23cm.* ([*U. S.*] *61st Cong., 2d sess. House. Doc. 638.*)
Signed by D. S. Jordan and E. E. Prince, international commissioners.
Includes report of work of Commission since appointment, May 31, 1909, by D. S. Jordan, American commissioner, and "Suggested form of an act" to give effect to a treaty between the United States and Great Britain, 1908, relating to the fisheries.
10–35230 **SH325.A2I5**

45 **Iowa.** *State drainage, waterways and conservation commission.* Report. January 1911.
[*Cedar Rapids, Ia., The Torch press, 1910?*] *210 p., 1 l. incl. tables. plates, maps (partly fold.) 24½cm.*
A. C. Miller, chairman.
11–33078 **HC107.I 7A4**

46 ***Keith,** H. F. The conservation of the natural resources of Massachusetts.
Framingham, Mass., 1909?

47 **Libby,** E. H. Conservation of natural resources.
(*In* National irrigation congress. Proceedings, 1909. Spokane, Wash., 1909. 23cm. p. 173–176.) **HD1726.N2 1909**

48 **Louisiana.** *Conservation commission.* Report. 1910.
[*Baton Rouge? 1911?*] *cover-title, 56 p. 23cm.*
Commission created under act no. 144 of the Legislature of 1908.
H. E. Hardtner, chairman.
11–33108 **HC107.L8A3**
Also printed in Louisiana documents, 1908–10, v. 2, p. 883–938.
J87.L8 1910 p

49 **McCarthy,** Callaghan. The causes of poverty.
London, P. S. King & son; [etc., etc.], 1908. viii, 110 p. 19cm.

CONTENTS.—Introduction.—A description of earthly phenomena.—The services of persons.—The services of nature.—The services of property.—Stoppages at the sources of services.—Services directed towards the prevention of evil.—Services directed towards productive consumption.—Services directed towards unproductive consumption.—The causes of poverty.—Poverty and its causes within the United Kingdom.

9-5476 **HD21.M3**

50 **McGee,** W J. The conservation of natural resources.
(*In* Mississippi valley historical association. Proceedings, 1909–1910. Cedar Rapids, Iowa, 1911. 23½cm. v. 3, p. 361–379.)
F351.M66,v.3

51 **Maine.** *Governor, 1911–* (*Frederick W. Plaisted*). Inaugural address . . . Jan. 5, 1911.
Augusta, Kennebec journal print, 1911. 19 p. 23cm.
"True conservation": p. 15–16. **J87.M22**

52 **Marsh,** George Perkins. The earth as modified by human action; a last revision of "Man and nature."
New York, C. Scribner's sons, 1898. xxiv, 629 p. 23cm.
1st edition, 1864.
"Bibliographical list of works consulted": p. xiii–xxiv.
7-34736 **GF31.M33**

53 **Maryland.** *Conservation commission.* Report.
[*Baltimore?*] *1909. 1 v. plates, maps. 26cm.*
10-28665 **HC107.M3A45**

54 ——— *Shell fish commission.* Discussion of the Campbell oyster culture bill as amended by the Price oyster plan providing for conservation of natural oyster bars along with oyster culture on barren bottoms.
[*Baltimore?*] *Maryland shell fish commission, 1912. 53 p. 27cm.*
12-33102 **SH365.M3 1912**

55 **Minnesota conservation and agricultural development congress.** *1st, St. Paul,* 1910. Addresses delivered at the Minnesota conservation and agricultural development congress, March 16, 17, 18 and 19, 1910, at the Auditorium, St. Paul. Ed. by C. R. Barns.
St. Paul, Minn., Webb publishing company, printers, [*1910*]. *246 p. front., plates. 21½cm.*
Agr 10-1902 **HC107.M6M5**

56 **Montana.** *Commission on conservation.* Report. January 14, 1911.

[*Helena, 1911.*] *5 p.* *23½ cm.*

On bills relating to public lands, water-rights and the protection and preservation of the forests.

Commissioners: Rudolf von Tobel, Lew L. Callaway, David Hilger, Chas. S. Hartman.

11-33041 **HC107.M9A7 1911**

57 ——— *Governor, 1909–* (*Edwin L. Norris*). Governor's message relating to conservation. January 17, 1911.

Helena, [*1911*]. *7 p.* *23½ cm.*

On bills relating to public lands, water-rights and the protection and preservation of the forests.

11-33040 **HC107.M9A7 1911 a**

58 **National conservation congress.** Proceedings. 1st–3d, 1909–1911.

Washington [*D. C.*], *National conservation congress,* [*1910*]–*1912. 3 v. ports.* *23½ cm.*

Partial contents.—*1st, Seattle, 1909.* J. N. Teal, The necessity of conserving our resources: p. 14–28; M. E. Hay, The conservation movement: p. 29–31; Addresses from the states: p. 34–67; Gifford Pinchot, Conservation: p. 70–78; A. B. Farquhar, Conservation in Pennsylvania: p. 79–90; J. Ellen Foster, Conservation of child life: p. 90–96; W J McGee, The relations among the resources: p. 96–102; Henry A. Barker, The civic aspect of conservation: p. 103–107; William L. Finley, Conservation of wild birds: p. 108–114; Marion P. Maus, Conservation in the military aspect: p. 115–122; George C. Pardee, Right use of natural resources: p. 123–129; Leonard N. Solly, The desirability of conserving natural resources from the standpoint of a railroad man: p. 130–133; Hashiguchi, Conservation in Japan: p. 133–136; Mary Gage Peterson, [What the women are doing for conservation]: p. 136–140; Ralph S. Hosmer, The progress of conservation in Hawaii: p. 142–148; Overton G. Ellis, The general federation of women's clubs in conservation work: p. 148–158; Edward O. Sisson, Waste in education: p. 159–164; James A. Emery, Conservation and the manufacturer: p. 167–172; August F. Knudsen, The waste of war: p. 172–178; F. Cotterill, The conservation of manhood: p. 178–182; Margaret Russell Knudsen, The conservation of the nation's natural resources: p. 206–212; J. B. White, Waste in lumber manufacture: p. 212–216; Ralph W. Pope, Conservation of power through electricity: p. 218–221; George F. Aust, [Conserving our game and fish]: p. 221–227.

2d, Saint Paul, 1910.—Address [on conservation] by the President of the United States [William H. Taft]: p. 14–34; Our public land system, by Knute Nelson: p. 35–47; National efficiency, by Theodore Roosevelt: p. 82–93; The interests of the railways of the South in conservation, by W. W. Finley: p. 135–144; Soils and crops, food and clothing, by James J. Hill: p. 177–188; Conservation in country

life, by Liberty H. Bailey: p. 203–213; The stake of the business man in conservation, by Alfred L. Baker: p. 221–226; The relation of capital to the development of resources, by Frank H. Short: p. 226–236; Life and health as national assets, by Dean Westbrook: p. 247–257, Safeguarding the property of the people, by Francis J. Heney: p. 278–291; The conservation program, by Gifford Pinchot: p. 292–298; Laws that should be passed, by Francis G. Newlands: p. 327–328; Conservation of the nation's resources, by J. B. White: p. 328–331; Practical aspects of conservation, by A. B. Farquhar: p. 331–333; Reports from states: p. 333–379.

3d, Kansas City, 1911.—Country child vs. the city child, by Ben B. Lindsey: p. 31–43; Conservation of the soil, by William H. Taft: p. 55–62; Coöperation, by W. A. Beard: p. 78–87; The farmer and the railroads, by Herbert Quick: p. 88–110; [Conservation of health], by Harvey W. Wiley: p. 139–147; Lumber in Europe, by J. B. White: p. 167–174; [The relation of man to the soil], by W J McGee: p. 183–192; Conservation and the national domain, by Walter L. Fisher: p. 194–203; The rape of the soil, by A. P. Grout: p. 205–211; [Conservation], by William J. Bryan: p. 220–229; Back to the farm, by Henry Ide Willey: p. 237–244; Increasing the yield by proper cultivation of the soil, by A. M. Ten Eyck: p. 247–256; Preventable fire waste. conservation efforts for its reduction, by a committee of the National board of fire underwriters: p. 267–272; Organization of the conservation movement in Pennsylvania, by A. B. Farquhar: p. 291–298.

11–5029 **HC106.N4**

59 **National conservation commission,** *Washington, D. C.* Bulletin no. 4.

Washington, Issued by the Joint committee on conservation, [1909]. 52 p. 23½ cm.

Summary of bulletins 1–3, issued in June, July, and August, 1908: p. 45–52.

12–37119 **HC101.N25**

60 ——— Report. February, 1909. Special message from the President of the United States transmitting a report of the National conservation commission, with accompanying papers. Ed. by Henry Gannett.

Washington, Govt. print. off., 1909. 3 v. plates, maps, diagrs. 23 cm. (60th Cong., 2d sess. Senate. Doc. no. 676.)

Contents.—v. 1. Report, etc.—v. 2. Accompanying papers: Waters and forests.—v. 3. Accompanying papers: Lands, minerals, and national vitality.

9–35662 **HC101.A4 1909 a**

61 **National conservation commission.** Washington, D. C. Schedule of inquiries concerning the lands, waters, forests, minerals and other resources of America <2d ed.> Formulated by the Executive committee of the National conservation commission (Gifford Pinchot, chairman, Thomas R. Shipp, secretary) and chiefs of bureaus concerned, Washington, D. C. Pub. for general distribution by the National business league of America.
Chicago, Faulkner-Ryan co., 1908. 15 p. 22½cm.
9-1406 **HC101.N3**

62 * **Nebraska conservation and state development congress.** Second report.
Lincoln, Nebr., 1911. 56 p.

63 **New England conference.** *1st, Boston,* 1908. Proceedings of the First New England conference, called by the governors of the New England states. Boston, Nov. 23, 24, 1908.
Boston, Wright & Potter printing co., state printers, 1908. 119 p. ports., 2 fold. charts. 23cm.
9-10713 **HC107.A11A5 1908**

64 **New Jersey.** *Governor, 1911– (Woodrow Wilson).* Inaugural address . . . Jan. 17, 1911.
Trenton, N. J., MacCrellish & Quigley, state printers, 1911. 13 p. 23cm.
Conservation: p. 8–9. **J87.N52 1911a**

65 **New York** (*State*). *Conservation commission.* First annual report, 1911.
Albany, N. Y., 1912. 33 p.

66 **Newell,** Frederick Haynes. Hawaii, its natural resources and opportunities for home-making.
Washington, Govt. print. off., 1909. 51 p. diagrs. 23cm. ([U. S.] 60th Cong., 2d sess. Senate. Doc. 668.)
9-35424 **HC687.H3N5**

66a ——— Home-making through conservation.
(*In* Sons of the American revolution. District of Columbia society. Addresses and papers, 1911–12. Washington, 1912. 23½cm. p. 21–28.)

67 **North American conservation conference.** *Washington, D. C., February,* 1909. Message from the President transmitting the declaration of principles adopted by the North American conservation conference.
Washington, Govt. print. off., 1909.] *7 p. 23cm.* ([*U. S.*] *60th Cong., 2d sess. Senate. Doc. 742.*)
Signed by the commissioners: Gifford Pinchot, Robert Bacon, James Rudolph Garfield for the United States; Sydney Fisher, Clifford Sifton, Henri S. Béland for Canada; Rómulo Escobar, Miguel A. de Quevedo, Carlos Sellerier for Mexico; E. H. Outerbridge for Newfoundland.
9-35344 **HC95.N7**

68 **Oppel,** Alwin. Wirtschaftsgeographie der Vereinigten Staaten von Nordamerika.
Halle a. S., Gebauer-Schwetschke Druckerei und Verlag m. b. h., 1907. 4 p. l., 159, [*1*] *p. diagrs. 22cm.* (*Angewandte Geographie ... III. Ser., 2. Hft.*)
8-15288 **HC106.O6**

69 **Oregon.** *Acting governor, 1911–* (*Jay Bowerman*). Message . . to the twenty-sixth legislative assembly . . . 1911.
Salem, Oregon, W. S. Duniway, state printer, 1911. 22 p. 23½cm.
"Conservation and protection of the forests": p. 17–20.
J87.O72 1911a

70 ——— *Conservation commission.* Report.
Salem, Or. [*1908*]*–1910. 3 v. front., illus., fold. maps, diagrs. 22½cm.*
J. N. Teal, chairman.
9-2969 **HC107.O7A5**

71 ——— *Governor, 1911–* (*Oswald West*). Message . . . to the twenty-sixth legislative assembly . . . 1911.
Salem, Oregon, Willis S. Duniway, state printer, 1911. 39 p. 22½cm.
"Conservation of our resources," forests, etc.: p. 19–27.
J87.O72 1911

72 **Orton,** Mary Princess (Anderson) "*Mrs.* E. Orton, *jr.*" "Conservation".
[*n. p.*] *1910. 7 p. 22½cm.*
10-28792 **HC106.O7**

72a **Pardee,** George Cooper. Water-powers, lands, and minerals.
(*In* National education association of the United States. Journal of proceedings and addresses, 1911. p. 958–965.)
E 12-486 **L13.N4 1911**

73 **Patton,** Jacob Harris. Natural resources of the United States. Rev. with additions.
New York, [etc.] D. Appleton and company, 1894. xv, [1], 530 p. illus., diagrs. 21cm.
5-17715† **HC103.P33**

74 **Pector,** Désiré. Les richesses de l'Amérique centrale, Guatemala, Honduras, Salvador, Nicaragua, Costa-Rica, préface de M. É. Levasseur.
Paris, E. Guilmoto, [1908?]. xiv, [2], 363 p. incl. map. 23cm.
9-8938 **HC145.P5**

75 **Pennsylvania.** *Governor, 1907–1911 (Edwin S. Stuart).* Message . . . to the General assembly, 1911.
Harrisburg, C. E. Aughinbaugh, printer to the state of Pennsylvania, 1911. 37 p. 23cm.
"Natural resources": p. 20–21. **J87.P42**

76 **Pinchot,** Gifford. The fight for conservation.
New York, Doubleday, Page & company, 1910. 5 p. l., 3–152 p. 18cm.
Partly reprinted from various periodicals.
10-19948 **HC106.P6**

77 **Plunkett,** *Sir* Horace Curzon. The rural life problem of the United States; notes of an Irish observer.
New York, The Macmillan company, 1910. xi, 174 p. 19½cm.
"The substance of the book appeared in five articles contributed to the New York Outlook under the title 'Conservation and rural life.'"—*Prefatory note.*
10-14393 **HC106.P7**

78 **Pollard,** Ernest M. The conservation of the natural resources of the Mississippi valley.
(*In* Mississippi valley historical association. Proceedings, 1908–1909. Cedar Rapids, Ia., 1910. 23½cm. v. 2, p. 99–111.)
F351.M66,v.2

79 **Price,** Overton Westfeldt. The land we live in; the boys' book of conservation; with a foreword by Gifford Pinchot.
Boston, Small, Maynard and company, [c1911]. xxi, 242 p. incl. front., illus. 24cm.
11-24157 **HC106.P8**

80 **Ransdell,** Joseph E. Conservation of our natural resources.
(*In* American bankers' association. Proceedings, 1908. New York, 1908. 23½cm. p. 265–273.) **HG1507.A5 1908**

81 **Rhode Island.** *Governor, 1910–* (*Aram J. Pothier*). Special message to the General assembly, August 16th, 1910. (January session). State conservation commission.
Providence, E. L. Freeman company, state printers, 1910. 8 p. 23½ cm.
11–8795 **HC107.R4A4 1910**

82 ——— *Natural resources survey.* Preliminary report.
Providence, E. L. Freeman company, state printers, 1910. 2 p. l., [57]–128 p. pl., 2 fold. maps. 23 cm. (*Rhode Island Bureau of industrial statistics. Bulletin 1.*)
10–33145 **HC107.R4A2 vol.23,pt 3**

83 ——— *State conservation commission.* Bulletin. No. 1–2.
Providence, 1911. 2 v. 23 cm.
12–33014 **HD266.R4A5 1911**

84 **Robbins,** Edwin Clyde. The high school debate book.
Chicago, A. C. McClurg & co., 1911. vi, [4] p., 1 l., 229 p. 18½ cm.
Contains bibliographies.
"Conservation of natural resources": p. 65–78.
11–30808 **PN4187.R6**

85 **Roosevelt,** Theodore. The new nationalism; with an introduction by Ernest Hamlin Abbott.
New York, The Outlook company, 1910. xxi, 268 p. 19½ cm.
Conservation, Speech at Denver, Aug. 29, 1910: p. 49–76; Natural resources, Speech at St. Paul, Sept. 6, 1910: p. 77–105.
11–19 **JK271.R7**

86 ——— The Roosevelt policy; speeches, letters and state papers, relating to corporate wealth and closely allied topics, of Theodore Roosevelt, president of the United States; with introduction by Andrew Carnegie.
New York, The Current literature publishing company, 1908. 2 v. fronts. (ports.) facsims. 18 cm.
"Utilizing our natural resources": p. 546–560; "Development of our waterways": p. 595–598; "Improvement of inland waterways": p. 615–628.
8–17977 **HC106.R78**

87 **Russell,** Thomas Herbert. Natural resources and national wealth; irrigation.
Chicago, National institute of business, [c1911]. 448 p. illus. (incl. maps, diagrs.) 24½ cm. (Practical business library, vol. XI.)
Also published in 1910, as vol. 11 of the International business library.
11–24734 **HC106.R8 1911**

88 **Sadtler,** Samuel P. Conservation and the chemical engineer.
(*In* American institute of chemical engineers. Transactions. 1909. New York, 1910. 23½cm. v. 2, p. 105–114.) **TP1.A6,v.2**
Reprinted in Metallurgical and chemical engineering, Jan. 1910, v. 8: 9–11. **TN1.M45,v.8**

89 ***Sarasin,** Paul. Weltnaturschutz.
Basle, E. Birhauser, 1911. 20 p.

90 ***Schweizerische Naturschutzcommission.** Jahresbericht. v. 4, 1909–10.
Basle, 1910. 108 p.

91 **Shaler,** Nathaniel Southgate. Man and the earth.
New York, Fox, Duffield & company, 1905. vi p., 1 l., 240 p. 19½cm.

CONTENTS.—Earth and man.—The future of power.—The exhaustion of the metals.—The unwon lands.—Land from the waters.—The problem of the Nile.—The maintenance of the soil.—The resources of the sea.—The changes to come in the human period.—The beauty of the earth.—The future of nature upon the earth.—The last of earth and man.—The attitude of man to the earth—summary and conclusions.

5–39133 **GF51.S52**

92 ——— The United States of America; a study of the American commonwealth, its natural resources, people, industries, manufactures, commerce, and its work in literature, science, education, and self-government.
New York, D. Appleton and company, 1894. 2 v. fronts., illus., plates, maps (partly fold.) diagrs. 25½cm.
4–4912/2 **E179.S52**

93 **Southern conservation congress,** *Atlanta,* 1910. Proceedings.
Proceedings not published, except in local newspapers.

94 **Taft,** William Howard. Address of President Taft before the National conservation congress at St. Paul, Minnesota, September 5, 1910.
Washington, Govt. print. off., 1910. 22 p. 23½cm.
10–23519 **HC106.T3**
Also printed in Popular science monthly, Oct., 1910, v. 77:313–332. **AP2.P8,v.77**

95 ——— The conservation of our national resources.
(*In* National irrigation congress. Proceedings, 1909. Spokane, Wash., 1909. 23cm. p. 519–527.) **HD1726.N2 1909**

96 **Taft,** William Howard. Presidential addresses and state papers of William Howard Taft, from March 4, 1909, to March 4, 1910. v. 1.

New York, Doubleday, Page & company, 1910. xii, (2), 612 p. 20½ cm.

Conservation of national resources (Spokane, Wash., Sept. 28, 1909): p. 270–280; Conservation of national resources and waterways (Corpus Christi, Tex., Oct. 22, 1909): p. 371–378; Conservation of national resources and irrigation (Dallas, Tex., Oct. 23, 1909): p. 379–384; Conservation and waterways (St. Louis, Oct. 25, 1909): p. 385–389; Message to Congress on conservation of national resources (Jan. 7, 1910): p. 537–548.

10–23512 **E761.T12**

97 **Titsworth,** Frederick S. Notes on the legal aspects of the conservation problem.

(*In* Colorado scientific society. Proceedings, 1910. Denver, 1910. 24½ cm. v. 9, p. 315–334.) **Q11.C7,v.9**

Also issued separately.

98 **Tucker,** Mary Lathrop, "Mrs. F. H. Tucker." Handbook of conservation.

Boston, Geo. H. Ellis co., printers, 1911. viii, 91 p. 20½ cm.

Bibliography: p. 88–91.

11–4804 **HC106.T8**

98a **U. S.** *Bureau of immigration and naturalization.* Agricultural opportunities. No. 1–5. Information concerning resources, products, and physical characteristics [of various states].

Washington Govt. print. off., 1912. 5 v. 24½ cm.

12–35914 **HD1765 1912**

99 ——— *Congress. House. Committee on agriculture.* Acquiring land for the protection of watersheds for the conservation of navigable streams. Report. <To accompany S. 4825.>

[*Washington, Govt. print. off., 1909.*] *24 p. 23½ cm.* (*60th Cong., 2d sess. House. Rept. 2027.*)

"Views of the minority," signed by Charles F. Scott [chairman] and others: p. 11–14; "Views of Mr. Hawley": p. 15–19; "Views of Mr. Haugen": p. 20–24.

9–35234 **SD425.U6**

100 **U. S.** *Congress. House. Committee on Agriculture.* Hearings on bills having for their object the acquisition of forest and other lands for the protection of water-sheds and conservation of the navigability of navigable streams, also other papers bearing on the same subjects.
Washington, Govt. print. off., 1909. 143 p. 23cm.
Charles F. Scott, chairman.
Includes paper on "Forests and reservoirs in their relation to stream flow," by H. M. Chittenden, comments of G. F. Swain thereon, and reply from Col. Chittenden; also House rept. no. 2027, 60th Cong., 2d sess., to accompany S. 4825.
9-35262 **SD425.U6 1909a**

101 ——— ——— *Committee on rules.* Ballinger reports. Report. <On hearing on H. res. 931>
[*Washington, Govt. print. off., 1911.*] *29 p. 23cm. (61st Cong., 3d sess. House. Rept. 2102.)*
Submitted by Mr. Dalzell.
Includes hearings of Jan. 28 and Feb. 1, 1911, on House resolution 931, directing Committee on rules to investigate and report within one week on Ballinger reports.
11-35149 **HD171.E10k**

102 ——— ——— ——— Hearings on House resolution 931, directing Committee on rules to investigate and report within one week on Ballinger reports, also report of Mr. Dalzell. Hearings held before the Committee on rules, House of representatives, United States, January 28, 1911, and February 1, 1911.
Washington, Govt. print. off., 1911. 32 p. 23cm.
John Dalzell, chairman.
11-35183 **HD171.E10l**

102a ——— *Senate. Committee on fisheries.* Alaska fisheries. Hearings before the subcommittee of the Committee on fisheries, United States Senate, Sixty-second Congress, second session, on S. 5856, a bill to amend an act for the protection and regulation of the fisheries of Alaska.
Washington Govt. print. off., 1912. 528 p. 23cm.
Wesley L. Jones, chairman.
12-35981 **SH222.A4A5 1912**

103 ——— ——— *Committee on conservation of national resources.* National commission for the conservation of natural resources. Report. <To accompany S. 3719.>
[*Washington, Govt. print. off., 1910.*] *50 p. 23cm. (61st Cong., 2d sess. Senate. Rept. 826.)*
Submitted by Mr. Dixon.
10-35778 **HC106.A3 1910b**

104 **U. S.** *President, 1901–1909 (Roosevelt).* Message of the President of the United States communicated to the two houses of Congress, at the beginning of the second session of the Sixtieth Congress.

Washington, Gov't print. off., 1908. 44 p. 23cm.

Conservation of natural resources: p. 23–28.

5–41544

105 ——— ——— Special message transmitting a report of the National conservation commission with accompanying papers.

Washington, Govt. print. off., 1909. 1 pl., 29 p. 23cm. (60th Cong., 2d sess. Senate. Doc. 676.)

9–35211 **HC106.A3 1909**

106 ——— *President, 1909–1913 (Taft).* Conservation of natural resources; special message transmitted to the two houses of Congress January 14, 1910.

Washington, Govt. print. off., 1910. 11 p. 23cm.

10–35066 **HC106.A3 1910**

Also printed as House doc. 533, 61st Congress, 2d session.

107 **Utah.** *Conservation commission.* Preliminary report 1909.

Salt Lake, 1909. 128 p. front. (fold. map) illus. 23½cm.

Agr 10–571 **HC107.U8A4 1909**

108 ——— *Governor, 1909– (William Spry).* Message ... to the ninth Legislature ... Jan. 10, 1911.

Salt Lake, Century printing, [1911]. 50 p. 23cm.

"State conservation commission": p. 42–43. **J87.U82**

109 **Van Hise,** Charles Richard. The conservation of natural resources in the United States.

New York, The Macmillan company, 1910. xiv p., 1 l., 413 p. illus. (maps, charts, tables) xvi pl. 21cm.

10–21139 **HC106.V18**

"A practical presentation in moderate compass, based on all available resources and originally presented as university lectures. Discusses separately the minerals, water, forests, land and mankind, and their relations to the general principles of conservation. Next in value to the Report of the National conservation commission as a source, and the most scholarly and inclusive work yet published for general reading and reference."

A. L. A. Booklist, v. 7:121.

Reviewed in Science, Jan. 20, 1911, n. s. v. 33: 108–111; W J McGee, in Conservation, Feb. 1911, v. 1: 35–36; Foreign quarterly review, Mar. 1911, v. 9: 107–109.

110 **Veitch,** F. P. Paper-making materials and their conservation.
Washington, Govt. print. off., 1909. 23 p. 23cm. (U. S. Dept. of agriculture. Bureau of chemistry. Circular no. 41.) **S585.A4,no.41**

111 **Vrooman,** Frank Buffington. Theodore Roosevelt, dynamic geographer.
London, New York [etc.], H. Frowde, 1909. 105 p. 23cm.
10-889 **HC106.V8**

112 **Watson,** E. J. The South Atlantic states and conservation by co-operation.
(*In* National irrigation congress. Proceedings, 1909. Spokane, Wash., 1909. 23cm. p. 72-81.) **HD1726.N2 1909**

113 **West Virginia.** *Conservation commission.* Report 1908.
Charleston, The Tribune printing company, 1909. 62 p. 23cm.
Commission: Hu Maxwell, chairman, J. H. Stewart, Neil Robinson.

114 **Western Australia.** *Registry dept.* Statistical register. 1909.
Perth, 1909.
Mineral statistics and water conservation: part 7, p. 1-38.
6-27396 **HA3152**

115 **Wisconsin.** *Governor, 1911-(Francis E. McGovern).* Message ... to the Wisconsin legislature ... 1911. Jan. 12, 1911.
[*Madison, 1911.*] *50 p. 22cm.*
"Conservation of natural resources," (forest protection, water powers, soil): p. 13-19. **J87.W62**

116 ——— *Legislature. Committee on water powers, forestry, and drainage.* Report, 1910.
Madison, Democrat printing company, state printer, 1911. 2 v. in 1. fold. tables, charts (partly fold.) 23cm.
11-33087 **HD1694.W6A3 1910**

117 ——— ——— ——— Report of Senators Paul O. Husting and Henry Krumrey, members of special legislative committee appointed to investigate and to recommend legislation relating to water powers, forestry and drainage. Made to the governor January 24, 1910.
Madison, Wis., Democrat printing company, state printer, 1910. 60 p. diagrs. 23cm.
"Proposed bills": p. 43-57.
10-33156 **TC24.W6A5 1910**

118 **Wisconsin.** *State conservation commission.* First report.
Madison, 1909. 63 p. 23cm.

C. R. Van Hise, president of the commission.

CONTENTS.—Governor's letter of transmittal, J. O. Davidson, governor; Recommendations of the commission; Report on water powers, by Edward A. Birge; Report on forests, by E. M. Griffith; Report on Wisconsin soil resources and need of a soil survey, by S. Weidman and A. R. Whitson; A preliminary report on the phosphates of Wisconsin soils, by A. R. Whitson.

HC107.W6A38

119 ——— ——— Report. Printed in pursuance of Jt. res. no. 50, S.
Madison, Democrat printing company, state printer, 1911. cover-title, 75 p. incl. 2 maps. 22½cm.

Charles R. Van Hise, chairman.

CONTENTS.—Report of the State conservation commission.—Report of William Irvine and George A. Whiting.—The mineral resources by W. O. Hotchkiss.—The forest resources, by E. M. Griffith.—The soil survey, by A. R. Whitson.—The weed situation, by A. L. Stone.—Agricultural economics, by Henry C. Taylor.

11-25429 **HC107.W6A4**

ARTICLES IN PERIODICALS

120 **1907.** Living on our capital. [Natural resources.]
Science, Oct. 18, 1907, n. s., v. 26: 514–515.
Q1.S35,n.s.v.26

121 **1907.** Richards, M. V. Railways and conservation of resources.
Manufacturers' record, Dec. 23, 1907, v. 56: 49–50.
TS1.M3,v.56

122 **1908.** Hill, James J. The future of the United States.
National review, Feb. 1908, v. 50: 960–980.
AP4.N25,v.50

123 **1908.** Ayres, Philip W. Is New England's wealth in danger?
New England magazine, Mar.–June, 1908, n. s., v. 38: 34–48; 144–160; 290–308; 434–449.
CONTENTS.—I. Our vanishing forests; II. Our water-powers; III. What the States are doing; IV. Our national resources in the White mountains. **AP2.N4,n.s.v.38**

124 **1908.** Will, Thomas E. The conservation of natural resources.
Independent, Apr. 30, 1908, v. 64: 946–952. **AP2.I53,v.64**

125 **1908.** Mitchell, Guy Elliott. Checking the waste of our national resources.
American review of reviews, May, 1908, v. 37: 585–592.
AP2.R4,v.37

126 **1908.** Mathews, John L. The conservation of our natural resources.
Atlantic monthly, May, 1908, v. 101: 694–704.
AP2.A8,v.101

127 **1908.** Williams, Lydia A. Need of conservation of natural resources.
Forestry and irrigation, May, 1908, v. 14: 266–269.
SD1.F7,v.14

128 **1908.** Pinchot, Gifford. Waste of national resources: an American fable.
National geographic magazine, May, 1908, v. 19: 345–350.
G1.N27,v.19

129 **1908.** B., E. F. The White House conference.
Outlook, May 23, 1908, v. 89: 144–148. **AP2.O8,v.89**

130 **1908.** Bennett, Ira E. Proposed conference of governors on conservation of natural resources.
Pacific monthly, May, 1908, v. 19: 513–519. **AP2.P15,v.19**

131 **1908.** Conference on conservation of natural resources.
Science, May 15, 29, 1908, n. s. v. 27: 794–796; 867–869. **Q1.S35,n.s.v.27**

132 **1908.** Proposed White House conference of governors of states of United States.
Van Norden magazine, May, 1908, v. 3: 33–50. **HG1.V3,v.3**

133 **1908.** Pinchot, Gifford. A new patriotism: The solution of an economic crisis brought on by national waste.
World's work, May, 1908, v. 16: 10235–10237. **AP2.W8,v.16**

134 **1908.** The White House conference.
American review of reviews, June, 1908, v. 37: 643–649. **AP2.R4,v.37**

135 **1908.** The conservation of natural resources. A symposium on the conservation of the forests, fuel supplies, water-powers and waterways of the United States.
Engineering magazine, June, 1908, v. 35: 432–434. **TA1.E59,v.35**

136 **1908.** Conservation of natural resources, at White House, May, 1908.
Forestry and irrigation, June, 1908, v. 14: 291–348. **SD1.F7,v.14**

137 **1908.** [Conservation of natural resources.]
Fortnightly review, June, 1908, n. s. v. 83: 1108–1109. **AP4.F7,n.s.v.83**

138 **1908.** Waste; waste—nothing but waste.
Independent, June 4, 1908, v. 64: 1301–1303. **AP2.I53,v.64**

139 **1908.** Roosevelt, Theodore. National conservation commission. Instructions.
Science, June 26, 1908, n. s. v. 27: 994–996. **Q1.S35,n.s.v.27**

140 **1908.** Patriotism that counts.
Century magazine, July, 1908, v. 54: 474–476. **AP2.C4,v.54**

141 **1908.** The commission [on natural resources] named by President Roosevelt.
Forestry and irrigation, July, 1908, v. 14: 380–382. **SD1.F7,v.14**

142 **1908.** What the Government is doing to save our national resources.
Scientific American supplement, July 25, 1908, v. 66: 62–63. T1.S52,v.66

143 **1908.** Reisenberg, H. Nationalization of natural resources.
Forestry and irrigation, Aug., 1908, v. 14: 419–424. SD1.F7,v.14

144 **1908.** National conservation commission organized.
Forestry and irrigation, Aug. 1908, v. 14: 438–442. SD1.F7,v.14

145 **1908.** Powers, L. G. The assets of the United States.
American journal of sociology, Sept., 1908, v. 14: 170–181. HM1.A7,v.14

146 **1908.** McGee, W J. The cult of conservation.
Conservation, Sept., 1908, v. 14: 469–472. SD1.F7,v.14

147 **1908.** Montreale, Raoul de. To prevent national wastefulness.
Overland monthly, Sept., 1908, v. 52: 280–281. AP2.O9.v.52

148 **1908.** Taylor, Graham. National movement to conserve natural resources.
Charities and the Commons, Oct. 3, 1908, v. 21: 8–10. HV1.C4,v.21

149 **1908.** Gannett, Henry. The National conservation commission: what it is doing.
Conservation, Oct., 1908, v. 14: 517–520. SD1.F7,v.14

150 **1908.** Johnson, E. R. Conservation of natural resources.
Geographical society of Philadelphia. Bulletin, Oct. 1908, v. 6: 120–129. G3.G34,v.6

151 **1908.** Howe, Charles S. The function of the engineer in the conservation of the natural resources of the country.
Science, Oct. 23, 1908, n. s. v. 28: 537–548. Q1.S35,n.s.v.28

152 **1908.** Smith, Everett W. Conserving our natural resources.
American industries, Nov. 15, 1908, v. 8: 8–11. HD4802.A6,v.8

153 **1908.** Kellogg, R. S. The conservation of natural resources.
Barrel and box, Nov., 1908, v. 13: 55–56. TS890.B3,v.13

154 **1908.** Will, Thomas E. Natural resources: their waste and conservation.
The Hub, Nov., 1908, v. 50: 280–281. TS2001.H8,v.50

155 **1908.** Pinchot, Gifford. The foundations of prosperity.
North American review, Nov., 1908, v. 188: 740–752.

"If we succeed in the conservation of our natural resources, we shall have an opportunity to succeed in everything else; if we fail in the conservation of our natural resources, we shall be certain to fail in everything else."

AP2.N7,v.188

156 **1908.** "Conservation week." The second meeting of the governors in Washington, to receive the report of the National conservation commission.
Conservation, Dec., 1908, v. 14: 641–642. **SD1.F7,v.14**

157 **1908.** Roosevelt, Theodore. Lessons from China.
Science, Dec. 18, 1908, n. s., v. 28: 868–875. **Q1.S35,n.s.v.28**
National geographic magazine, Jan. 1909, v. 20: 18–29.
G1.N27,v.20

158 **1909.** Thomas, Hewitt. Gifford Pinchot and his fight for our national resources.
American review of reviews, Jan., 1909, v. 39: 88–89.
AP2.R4,v.39

159 **1909.** Holman, M. L. The conservation idea as applied to the American society of mechanical engineers.
American society of mechanical engineers. Journal, Jan. 1909, v. 31: 1–41. **TJ1.A72,v.31**

160 **1909.** The Joint conservation conference. [Second meeting of governors. Dec. 1908.]
Conservation, Jan., Feb. 1909, v. 15: 3–47, 92–97.
SD1.F7,v.15

161 **1909.** Report of the National conservation commission and accompanying message of President Roosevelt.
Engineering news, Jan. 28, 1909, v. 61: 111–114.
TA1.E6,v.61

162 **1909.** Birkinbine, John. Our national resources, their conservation and utilization.
Franklin institute. Journal, Jan. 1909, v. 167: 1–21.
T1.F8,v.167

163 **1909.** Bogert, Marston Taylor. The function of chemistry in the conservation of our natural resources.
American chemical society. Journal, Feb. 1909, v. 31: 125–154. **QD1.A5,v.31**

Reprinted in part in the School of mines quarterly, Apr. 1909, v. 30: 217–238. **TN1.S3,v.30**

164 **1909.** Steele, James Concrete. The need for a general service corps in the conservation of our public utilities.
Engineering news, Feb. 11, 1909, v. 61: 164–165.
TA1.E6,v.61

165 **1909.** Mayo, E. The trust of the future.
Metropolitan magazine, Feb. 1909, v. 29: 471–478.
AP2.M5,v.29

166 **1909.** Conservation conference, Feb. 1909.
Science, Feb. 5, 1909, n. s., v. 29: 225–226. **Q1.S35,n.s.v.29**

167 **1909.** Page, A. W. A report to the stockholders of the United States.
World's work, Feb. 1909, v. 17: 11205–11213. **AP2.W8,v.17**

167a **1909.** Baker, Charles W. The waste of our natural resources by fire.
American institute of mining engineers. Bulletin (Special no.) Conservation of natural resources, Mar. 24, 1909: 37–42.
TN1.A515 1909

168 **1909.** McGee, W J. The new union among the states.
American review of reviews, Mar. 1909, v. 39: 317–321.
AP2.R4,v.39

169 **1909.** Cleveland, Treadwell, *jr.* North American conservation conference.
Conservation, Mar. 1909, v. 15: 159–168. **SD1.F7,v.15**

170 **1909.** Bass, F. H. The conservation of the resources of Minnesota.
Minnesota engineer, Mar. 1909, v. 17: 147–155.
A paper read before the Minnesota surveyors' and engineers' association, Feb. 26, 1908. **TA1.M685,v.17**

171 **1909.** McFarland, J. H. Shall we have an ugly conservation?
Outlook, Mar. 13, 1909, v. 91: 594–598. **AP2.O8,v.91**

172 **1909.** McGee, W J. Current progress in conservation work.
Science, Mar. 26, 1909, n. s. v. 29: 490–496.
Includes Declaration of principles of North American conservation conference, Feb. 23, 1909. **Q1.S35,n.s.v.29**

173 **1909.** Birkinbine, John. The American institute of mining engineers and the conservation of natural resources.
American institute of mining engineers. Bulletin, Apr. 1909, no. 28: 381–387. **TN1.A515,no.28**

174 **1909.** Cleveland, Treadwell, *jr.* Conservation of world resources. Coming Hague conference.
Conservation, Apr. 1909, v. 15: 218–221. **SD1.F7,v.15**

175 **1909.** The "Conservation" meeting of the National engineering societies.
Engineering news, Apr. 1, 1909, v. 61: 361–364.
CONTENTS.—Conservation of water, by John R. Freeman: p. 361–362; Conservation by legislation, by Rossiter W. Raymond [summary]: p. 362; The waste of natural resources due to fire, by Charles W. Baker: p. 363; Electricity and the conservation of power, by L. B. Stillwell: p. 363–364. **TA1.E6,v.61**

176 **1909.** Cronau, Rudolf. A continent despoiled.
McClure's magazine, Apr. 1909, v. 32: 639–648. **AP2.M2,v.32**

177 **1909.** Nitti, F. Une grande politique nationale en Italie. Le reboisement du pays et l'utilisation des forces hydrauliques.
Revue économique internationale, Apr. 15–20, 1909, 6. année, v. 2: 46–74. **HB3.R5,6.année,v.2**

178 **1909.** McGee, W J. The conservation movement.
Science, Apr. 2, 1909, n. s., v. 29: 539–540. **Q1.S35,n.s.v.29**

179 **1909.** Clarke, F. W. and others. The Conservation commission and the American chemical society.
Science, Apr. 9, 1909, n. s., v. 29: 570–574. **Q1.S35,n.s.v.29**

180 **1909.** Raymond, Rossiter W. The conservation of natural resources by legislation.
American institute of mining engineers. Bulletin (Special no.) Conservation of natural resources, Mar. 24, 1909: 20–36. **TN1.A515 1909**

181 **1909.** Laut, Agnes C. Conservation of natural resources.
Outing magazine, May, July, 1909, v. 54: 227–245, 471–479. **GV1.09,v.54**

182 **1909.** Fultz, Francis M. Hetch Hetchy; a valley of wonders now threatened with extinction.
World to-day, May, 1909, v. 16: 524–530. **AP2.W75,v.16**

183 **1909.** Conservation number of the Chautauquan.
Chautauquan, June, 1909, v. 55: 18–126.
CONTENTS.—Origin and plan of the conservation movement: p. 21–32; Conservation of natural resources, Theodore Roosevelt: p. 33–43; Declaration of governors for conservation of natural resources: p. 44–47; The National conservation commission: Report. p. 48–104; Joint committee on conservation: p. 105–106; North American conservation conference: p. 107–111; World conservation conference: p. 112–114; Statements of prominent men: p. 115–121; Where national reservations are: p. 122–126. **AP2.C48,v.55**

184 **1909.** Mathews, J. L. The conservation movement.
Hampton's magazine, June, 1909, v. 22: 760–773.
AP2.H152,v.22

185 **1909.** Zon, R. When our country is fifty years older.
National geographic magazine, June, 1909, v. 20: 573–580.
G1.N27,v.20

186 **1909.** Laut, Agnes C. Danger confronting our resources and the remedy.
Outing magazine, June, 1909, v. 54: 361–367. GV1.O9,v.54

187 **1909.** Van Hise, C. R. The future of man in America.
World's work, June, 1909, v. 18: 11718–11724. AP2.W8,v.18

188 **1909.** Schaeffer, N. C. Conservation of natural resources.
Reformed church review, July, 1909, v. 56: 363–377.

189 **1909.** Pinchot, Gifford. Preservation of natural resources.
Conservation, Sept. 1909, v. 15: 521–525. SD1.F7,v.15

190 **1909.** Will, T. E. Natural resources. Ballinger-Pinchot controversy over western lands.
Conservation, Sept. 1909, v. 15: 563–571. SD1.F7,v.15

191 **1909.** Walker, Herman B. The conservation controversy.
Power and the engineer, Oct. 5, 1909, v. 31: 572–575.
TJ1.P7,v.31

192 **1909.** Wooley, R. W. Natural resources. Pinchot *vs.* Ballinger.
Van Norden magazine, Oct. 1909, v. 6: 109–112.
HG1.V.3,v.6

193 **1909.** Baker, B. N. Conservation, the new patriotism.
World to-day, Nov. 1909, v. 17: 1174–1176. AP2.W75,v.17

194 **1909.** North, Edward P. The conservation of our natural resources in relation to railroads and waterways.
Editorial review, Dec. 1909, v. 1: 491–499. AP2.E26,v.1

195 **1909.** Winchell, Horace V. Conservation and some difficulties.
Mining and scientific press, Dec. 18, 1909, v. 99: 819–820.
TN1.M63,v.99

196 **1909.** Pinchot, Gifford. The A B C of conservation of natural resources.
Outlook, Dec. 4, 1909, v. 93: 770–772. AP2.O8,v.93

197 **1909.** Willey, D. A. Prosperity due to conservation of natural resources.
Putnam's magazine, Dec. 1909, v. 7: 259–270. AP2.P98,v.7

198 **1909.** Bruce, Andrew Alexander. The conservation of our natural resources and of our national strength and virility.
University of Pennsylvania law review & American law register, Dec. 1909, v. 58: 125-162.

198a **1910.** Nicholas, Anna. Beginning of conservation in America.
Journal of American history, 1910, v. 4, no. 4: 571–480.
Reprint of a manuscript found in Spain written by William Tatham.
E171.J86,v.4

199 **1910.** Stewart, E. Conservation of natural resources.
Canadian magazine, Jan. 1910, v. 34: 217–220. **AP5.C2,v.34**

200 **1910.** Three kinds of conservation.
Engineering news, Jan. 20, 1910, v. 63: 74–75.
TA1.E6,v.63

201 **1910.** Franklin, Fabian. Conservation of natural resources.
Nation, Jan. 20, 1910, v. 90: 54–55. **AP2.N2,v.90**

202 **1910.** Plunkett, *Sir* Horace C. Conservation and rural life: an Irish view of two Roosevelt policies.
Outlook, Jan. 29, 1910, v. 94: 260–264. **AP2.O8,v.94**

203 **1910.** Abbott, M. F. Conservation news.
Twentieth century magazine, Jan. 1910, v. 1: 383–385.
AP2.T88,v.1

204 **1910.** Hendrick, Frank. Taxation, conservation, and the cost of living.
Editorial review, Feb. 1910, v. 2: 184–200. **AP2.E26,v.2**

205 **1910.** Johnston, Clarence T. "Conservation" the fad of the year.
Editorial review, Feb. 1910, v. 2: 145–149. **AP2.E26,v.2**

206 **1910.** Giesen, Walter. Die Vergeudung der näturlichen Hilfsquellen in den Vereinigten Staaten von Nordamerika und die zukünftigen Quellen der Kraft.
Technik und Wirtschaft, Feb.–Mar. 1910, v. 3: 99–108; 167–174. **T3.T26,v.3**

207 **1910.** Chamberlain, George E. A bond issue the vital question in conservation.
Independent, Mar. 17, 1910, v. 68: 554–556. **AP2 I53,v.68**

208 **1910.** Scott, Leslie M. Why East and West differ on the conservation problem.
Independent, Mar. 31, 1910, v. 68: 697–699. **AP2.I53,v.68**

209 **1910.** Abbott, M. F. A brief history of the conservation movement.
Twentieth century magazine, Mar.–Sept. 1910, v. 1: 537–543; v. 2: 143–148, 228–234, 410–415, 511–515.
In the United States and foreign countries.
AP2.T88,v.1,2

210 **1910.** Page, W. H. Gifford Pinchot, the awakener of the nation.
World's work, Mar. 1910, v. 19: 12662–12668.
AP2.W8,v.19

211 **1910.** Wallace, Robert. The natural resources of the United States.
Financial review of reviews, Apr. 1910, v. 7: 5–10.
HG11.F7,v.7

212 **1910.** Knapp, G. L. The other side of conservation.
North American review, Apr. 1910, v. 191: 465–481.
AP2.N7,v.191

213 **1910.** Hosmer, R. S. The meaning of conservation.
Hawaiian forester and agriculturist, May, 1910, v. 7: 152–163.
S17.H3,v.7

214 **1910.** National conservation.
Outlook, May 14, 1910, v. 95: 57–59. AP2.08,v.95

215 **1910.** Williams, Lydia Adams. Woman's work for conservation.
American forestry, June, 1910, v. 16: 342–348.
Notes from the Biennial of the General federation of women's clubs.
SD1.F7,v.16

216 **1910.** Bray, W. M. Conservation of natural resources.
Mississippi valley lumberman, June 24, 1910, v. 41: 35–36.
TS800.M4,v.41

217 **1910.** Smith, George O. Director Smith on conservation.
Outlook, June 4, 1910, v. 95: 270–271. AP2.08,v.95

218 **1910.** Goggins, B. R. The paper and pulp industry and conservation.
American forestry, July, 1910, v. 16: 415–418. SD1.F7,v.16

219 **1910.** Johnston, Clarence T. *and* James Stephenson, *jr.* "Home rule" for the public land states.
Editorial review, July, 1910, v. 3: 701–713. AP2.E26,v.3

220 **1910.** How best to help conservation.
Craftsman, Aug. 1910, v. 18: 604–606. N1.C87,v.18

112878

221 **1910.** Franklin, Fabian. Criticisms of conservation.
Nation, Aug. 18, 1910, v. 91: 136–137. **AP2.N2,v.91**

222 **1910.** Elliott, F. P. Shall the nation take thought for the morrow?
North American review, Aug. 1910, v. 192: 209–216.
AP2.N7,v.192

223 **1910.** Clark, J. B. Economics of waste and conservation.
Atlantic monthly, Sept. 1910, v. 106: 325–331. **AP2.A8,v.106**

224 **1910.** Heney, Francis J. Some aspects of the conservation movement.
City club of Chicago. City club bulletin, Sept. 21, 1910, v. 3: 345–355. **JS701.C57,v.3**

225 **1910.** Simmons, W. D. What conservation means.
Harper's weekly, Sept. 24, 1910, v. 54: 23. **AP2.H32,v.54**

226 **1910.** Franklin, Fabian. The President on conservation.
Nation, Sept. 8, 1910, v. 91: 204. **AP2.N2,v.91**

227 **1910.** The President and Mr. Roosevelt on conservation.
Outlook, Sept. 10, 1910, v. 96: 60–62. **AP2.08,v.96**

228 **1910.** Conservation: federal or state?
Outlook, Sept. 17, 1910, v. 96: 90–91. **AP2.08,v.96**

229 **1910.** Start, Edwin A. The Second conservation congress, St. Paul, Minn., Sept. 5–8, 1910.
American forestry, Oct. 1910, v. 16: 569–588.
Resolutions of the congress: p. 597–600. **SD1.F7,v.16**

230 **1910.** Progress on conservation in the United States.
Metropolitan magazine, Oct. 1910, v. 33: 97–106.
AP2.M5,v.33

231 **1910.** McKee, J. R. The public and the conservation policy.
North American review, Oct. 1910, v. 192: 493–503.
AP2.N7,v.192

232 **1910.** Taft, William H. President Taft on conservation: A compilation of excerpts from speeches of President Taft.
Columbian magazine, Nov. 1910, v. 3: 211–218.
AP2.C685,v.3

233 **1910.** Hayes, C. W. The conservation movement.
Mining and scientific press, Nov. 19, 1910, v. 101: 664–668.
TN1.M63,v.101

234 **1910.** Page, A. W. Fight for conservation.
World's work, Nov. 1910, v. 21: 13607–13611. **AP2.W8,v.21**

235 **1910.** Bosley, William B. Conservation and the Constitution.
Yale law journal, Nov. 1910, v. 20: 18–27.

236 **1910.** Harrison, C. S. Conservation.
American forestry, Dec. 1910, v 16: 719–722. **SD1.F7,v.16**

237 **1910.** Barrows, David P. A conservation policy for the Philippines.
Southern workman, Dec. 1910, v. 39: 650–656.
LC2701.S7,v.39

238 **1911.** Economy of national resources.
Independent, Mar 16, 1911, v 70: 577–578. **AP2.I53,v.70**

239 **1911.** Rockwood, E. W. Work of the chemist in conservation.
Popular science monthly, Mar. 1911, v. 78: 291–304.
AP2.P8,v.78

240 **1911.** Hammond, John Hays. Efficiency and conservation in handling southern resources.
Tradesman, Mar. 23, 1911, v. 65: 36–37. **HF1.T7,v.65**

241 **1911.** Welliver, J. C. Conservation and the canal.
American conservation, Apr. 1911, v. 1: 78–84
HC101.A45,v.1

242 **1911.** Fairchild, Herman L. Conservation and new nationalism.
Case and comment, Apr. 1911, v. 17: 539–545.

243 **1911.** Lindley, Curtis H. National and state authority in conservation.
Mining and scientific press, Apr. 8, 1911, v. 102: 488–490.
TN1.M63,v.102

244 **1911.** Barrett, John. South America is conserving.
American conservation, May, 1911, v. 1: 129–139.
HC101.A45,v.1

245 **1911.** Victory for conservation.
Outlook, May 27, 1911, v. 98: 131–132. **AP2.08,v.98**

245a **1911.** Pardee, George C. Conservation of natural resources.
California outlook, July 22, 1911, v. 11: 7–8.
AP2.C143,v.11

246 **1911.** Hosmer, Ralph S. Conservation in Hawaii.
American conservation, Aug. 1911, v. 1: 231–238.
HC101.A45,v.1

247 **1911.** Hornaday, William T. The fight for the "Bayne bill"; the story of a vigorous campaign for a conservation law in New York and how it succeeded—an example for other states.
American conservation, Aug. 1911, v. 1: 253–259.
HC101.A45,v.1

248 **1911.** Conservation.
Scientific American, Aug. 12, 1911, v. 105: 135–157.
T1.S5,v.105

CONTENTS.—The conservation of the forests, by Gifford Pinchot: p. 135, 137; The sin of national improvidence [editorial]: p. 136; The use and the waste of our coal supply, by Joseph A. Holmes: p. 138–139, 150; Conservation of oil and natural gas, by David T. Day: p. 142–143; Reclamation and home-making: I.—Review of general conditions in the reclamation service, by F. H. Newell; p. 144–145; II.—The engineering work of the reclamation service, by A. P. Davis: p. 146–148; III.—Summary of the reclamation projects: p. 148, 156–157; The conservation of fishery resources, by Hugh M. Smith: p. 149, 154.

249 **1911.** Wood, D. W. A sidelight on conservation.
Americana, Sept. 1911, v. 6: 911–914. **E171.A53,v.6**

251 **1911.** Grout, H. N. Conservation as applied to banking.
Commercial west, Oct. 14, 1911, v. 20: 20, 34–35.
HF1.C8,v.20

252 **1911.** Conservation congress, 1911.
Outlook, Oct. 7, 1911, v. 99: 300–301 *.* **AP2.08,v.99**

253 **1911.** McKinlay, Duncan. Locking up Alaska.
Overland monthly, Oct., Nov. 1911, n. s. v. 58: 356–362, 432–438. **AP2.09,n.s.v.58**

254 **1911.** Kansas city meeting, 1911.
Survey, Oct. 7, 1911, v. 27: 919–920. **HV1.C4,v.27**

255 **1911.** What is meant by conservation?
Ladies' home journal, Nov. 1911, v. 28: 23. **AP2.L135,v.28**

256 **1911.** Armsby, Henry Prentiss. The conservation of the food supply.
Popular science monthly, Nov. 1911, v. 79: 496–501.
AP2.P8,v.79

257 **1911.** Bailey, Henry S. Chemist as a conservationist.
Science, Dec. 1, 1911, n. s. v. 34: 748–750. **Q1.S35,n.s.v.34**

258 **1911.** White, J. B. The future of conservation.
Southern lumberman, Dec. 23, 1911, v. 75: 69. **TS800.S7,v.75**

259 **1912.** Johnson, B. A. The American mental attitude on conservation and its growth.
American forestry, Feb. 1912, v. 18: 130–132. **SD1.F7,v.18**

260 **1912.** McGee, W J. How one billion of us can be fed.
World's work, Feb. 1912, v. 23: 443–451. **AP2.W8,v.23**

261 **1912.** Price, O. W. Conservation: the great principle of national thrift.
Craftsman, Mar. 1912, v. 21: 585–594. **N1.C87,v.21**

262 **1912.** Pinchot, Gifford. Public or private interests?
Outlook, Mar. 30, 1912, v. 100: 729–731. **AP2.O8,v.100**

263 **1912.** Koester, F. Our stupendous yearly waste.
World's work, Mar. 1912, v. 23: 593–595. **AP2.W8,v.23**

263a **1912.** Lipman, Charles B. "Conservation" and the farmer.
Overland monthly, May, 1912, n. s. v. 59: 473–478. **AP2.09,n.s.v.59**

263b **1912.** Sedgwick, W. T. Sewage and the farmer. A problem in the conservation of waste.
Scientific American, July 13, 1912, v. 106: 38. **T1.S5,v.106**

263c **1912.** Roosevelt, Theodore. Progressive democracy. Country life and conservation.
Outlook, Sept. 7, 1912, v. 102: 20–21. **AP2.08,v.102**

263d **1912.** Tunnell, Arthur L. A national exposition of conservation. Knoxville, Tennessee, has been chosen and the date is September–October, 1913.
Texas magazine, Oct. 1912, v. 6: 507–509. **F381.T35,v.6**

263e **1912.** Canon, D. W. The conservation of Texas fish and oysters. Some pertinent points about important industries of the Gulf coast.
Texas magazine, Oct. 1912, v. 6: 487–489. **F381.T35,v.6**

MINERAL RESOURCES

BOOKS

264 **Ashley,** George Hall. The valuation of public coal lands. The value of coal land, by George H. Ashley. Depth and minimum thickness of beds as limiting factors in valuation, by Cassius A. Fisher.

Washington, Govt. print. off., 1910. 75 p. 23½ cm. (U. S. Geological survey. Bulletin 424.)

Issued also as House doc. no. 502, 61st Cong., 2d sess.

G S 10–4 **QE75.B9**
HD242.3.A8

264a **Balch,** William Ralston, *comp.* The mines, miners and mining interests of the United States in 1882.

Philadelphia, The Mining industrial publishing house, 1882. 7 p l., 1191, l p. front., illus., plates. 30 x 25 cm.

Open letter of R. W. Raymond relative to mineral lands: p. 556–562; Mines on the public domain [leasing]: p. 613–614; Mining lease: p. 727; Mining leases in Germany: p. 548–549.

6–21971 **TN23.B17**

265 **Drinker,** Henry Sturgis. The contribution of the mining profession to the conservation of our natural resources. Address, Aug. 12, 1911.

Congressional record, 62d Cong. 1st sess., v. 47, no. 106 (current file): 4123–4125.

Introduced into the Record by Mr. Olmsted.

Also privately printed by the author, Lehigh university, South Bethlehem, Pa.

266 **Goss,** W. F. M. The conservation of the nation's fuel supply.

(*In* American society of mechanical engineers. Proceedings, May, 1908. New York, 1908. 23½ cm. v. 30, p. 481–484.)

TJ1.A72,v.30

266a **Ingalls,** Walter Renton. Lead and zinc in the United States; comprising an economic history of the mining and smelting of the metals and the conditions which have affected the development of the industries.

New York [etc.], Hill publishing company, 1908. 2 p. l., iii–x, 368 p. incl. illus., tables, diagrs. plates. 24 cm.

Missouri, leasing lead mines: p. 102–103; Wisconsin: p. 124–128; see also p. 268, 270.

8–18051 **TN453.A5I5**

267 **Jevons,** William Stanley. The coal question; an inquiry concerning the progress of the nation, and the probable exhaustion of our coal-mines, ed. by A. W. Flux. 3d ed., rev.

London, New York, Macmillan and co., limited, 1906. 1 p., 1 l., 467 p. 11 diagr. 22½ cm.

6–42906 **HD9551.6.J5**

268 **Kuhn,** H. A. Substantial prosperity, illustrated by diagrams showing panics, periods of depression and logical forecast of the future, coal production and exhaustion of coal, with special reference to Pittsburgh coal district.

[Pittsburg], Pittsburgh - Westmoreland coal company, c1907. [36] p. diagrs. 27 x 29½ cm.

8–13279 **HC106.K85**

268a **Missouri.** *Geological survey.* Lead and zinc deposits by Arthur Winslow, assisted by J. D. Robertson.

Jefferson City, Tribune printing co., 1894. 2 v. 25½ cm. [Reports, v. 6, 7.]

Leasing of lead mines by the government: v. 1, p. 275 et seq

QE131.A12,v.6,7

269 **Mitchell,** John. Conservation in the coal industry.

(*In* American mining congress. Proceedings, 1908. Denver, Colo., 1909. 22½ cm. v. 11, p. 185–195.) **TN5.A5 1908**

270 **Osborne,** Frank M. Conservation in the mining industry.

(*In* American mining congress. Proceedings, 1908. Denver, Colo., 1909. 22½ cm. v. 11, p. 66–70.) **TN5.A5 1908**

270a **Raymond,** Rossiter W. Our national resources and our federal government.

American institute of mining engineers. Bulletin, Oct. 1912, no. 70: 1111–1122.

Opposed to the policy of leasing instead of sale of mineral lands of the public domain. **TN1.A515,no.70**

271 **Thompson,** J. V. Needs for conservation of our coal deposits.

(*In* American mining congress. Proceedings, 1908. Denver, Colo., 1909. 22½ cm. v. 11, p. 177–180.) **TN5.A5 1908**

272 **Traer,** Glenn W. Conservation in the coal industry, protection of life and prevention of waste.

(*In* American mining congress. Proceedings, 1908. Denver, Colo., 1909. 22½ cm. v. 11, p. 152–165.) **TN5.A5 1908**

273 **U. S.** *Bureau of mines.* Annual report of the director.

Washington, Govt. print. off., 1912– 1 v. illus. 25 cm.

12–16438 **TN23.U42**

274 U. S. *Congress. House. Committee on public lands.* Amending laws relating to public coal lands of United States. Report. <To accompany H. R. 24471.>
[*Washington, Gov't print. off., 1907.*] *17 p. 23cm. (59th Cong., 2d sess. House. Rept. 7643.)*
Submitted by Mr. Martin.
Includes views of the minority.
7-35117 **HD242.3.A3 1907b**

275 ——— ——— ——— Coal lands and coal-land laws of the United States [1906–1907].
[*Washington, Gov't print. off., 1906–07.*] *18, 20, 166, 35 p. 23cm.*
John F. Lacey, chairman.
Hearings of Dec. 17–18, 1906; Jan. 9, 11, 14, 16, 23 and 25, 1907.
7-35050 **HD242.3.A3 1907**

276 ——— ——— ——— Phosphate lands. Hearings on December 17, 1908, January 13, 15, 16, and February 2, 1909, on H. R. 21873, to define the manner in which public lands containing valuable deposits of phosphate and phosphate rock may be acquired.
Washington, Govt. print. off., 1910. 115 p. 23cm.
F. W. Mondell, chairman.
10-36144 **HD242.A5 1909a**

277 ——— ——— ——— Leasing coal lands in Alaska. Report. <To accompany H. R. 32080>
[*Washington, Govt. print. off., 1911.*] *6 p. 23cm. (61st Cong., 3d sess. House. Rept. 2190.)*
11-35178 **HD242.3.A3 1911b**

277a ——— ——— ——— Mineral lands—sale of. Report. May 4, 1846.
[*Washington, 1846.*] *51 p. 23½cm. (29th Cong., 1st sess., House. Report 591.)*
Describes the mineral lands in the Lake Superior region, showing the operation under the lease system, with lists of leases.
490

277b ——— ——— ——— Rents of lead-mines in Missouri. Report. January 15, 1839.
[*Washington, 1839.*] *2 p. 23½cm. (25th Cong., 3d sess., House. Report 71.)*
351

277c ——— ——— ——— Reserved public lands. Report. Feb. 17, 1846.
[*Washington, 1846.*] *3 p. 23½cm. (29th Cong., 1st sess., House. Report 269.)*
On the alleged evils of the lease system.
489

278 **U. S.** *Senate. Committee on public lands.* Leasing of coal lands in Alaska. Report. <To accompany S. 9955>
[*Washington, Govt. print. off., 1911.*] *9 p. 23cm. (61st Cong., 3d sess. Senate. Rept. 1023.)*
11-35125 **HD242.3.A3 1911a**

278a ——— ——— ——— Lead mines. Report on "A bill to direct the President of the United States to sell the reserved mineral lands in the State of Illinois, and Territories of Wisconsin and Iowa, supposed to contain lead ore." Jan. 27, 1846.
[*Washington, 1846.*] *25 p. 23½cm. (29th Cong., 1st sess. Senate. Doc. 87.)*
473

279 ——— *Joint committee to investigate Interior dept. and Forest service.* Investigation of the Department of the interior and of the Bureau of forestry.
Washington, Govt. print. off., 1911. 13 v. fold. maps. 23cm. (61st Cong., 3d sess. Senate. Doc. 719.)
Knute Nelson, chairman.
CONTENTS.—v. 1. Report of committee.—v. 2. Charges of L. R. Glavis to President.—v. 3-8. Hearings before committee.—v. 9. Arguments and briefs of counsel. Index to hearings.—v. 10-12. Cunningham coal entries.—v. 13. Mining laws of Australia and New Zealand. [Reports by A. C. Veatch.]
11-35134 **HD171.E10**

279a ——— *Dept. of the interior.* Oil lands in Indian Territory and territory of Oklahoma. Hearings on leasing of oil lands and natural-gas wells, May 8, 24, 25, and 29, and June 7 and 19, 1906.
Washington, Gov't print. off., 1906. vi, 3-84 p. fold. pl. 25cm.
6-35270 **HD242.5.A3**

280 ——— ——— Statement of investigations and tests of fuels and structural materials of United States, showing bearing on conservation of mineral resources. Letter from the secretary of the interior, transmitting . . . a statement.
[*Washington, Govt. print. off., 1908.*] *14 p. 23cm. (60th Cong., 1st sess. Senate. Doc. 460.)*
James Rudolph Garfield, secretary.
8-35410 **TP322.A5 1908b**

281 **U. S.** *General land office.* Record and report of proceedings had and evidence submitted relative to the Cunningham coal entries, taken before William J. McGee, special commissioner, held at Seattle and Spokane, Wash., from November 18, 1909, to December 13, 1909.
Washington, Govt. print. off., 1910. 700 p. 23cm.
"Exhibits presented at the hearing": p. 599-700.
10-35339 **HD171.E10c**

282 ——— *Geological survey.* Papers on the conservation of mineral resources, reprinted from Report of the National conservation commission, February, 1909.
Washington, Govt. print. off., 1909. 214 p. XII pl. (partly fold., incl. maps) diagrs. 23½cm. (U. S. Geological survey. Bulletin 394.)
Issued also as House doc. no. 1554, 60th Cong., 2d sess.
CONTENTS.—Coal fields of the United States, by M. R. Campbell and E. W. Parker.—Estimates of future coal production, by H. Gannett.—The petroleum resources of the United States, by D. T. Day.—Natural-gas resources of the United States, by D. T. Day.—Peat resources of the United States, exclusive of Alaska, by C. A. Davis.—Iron ores of the United States, by C. W. Hayes.—Resources of the United States in gold, silver, copper, lead, and zinc, by W. Lindgren.—The phosphate deposits of the United States, by F. B. Van Horn.—Mineral resources of Alaska, by A. H. Brooks.
G S 9-198 **QE75.B9,no.394**

283 ——— ——— Statement of the director of the Geological survey regarding the desirability of a more extensive recognition of the mining industry by governmental inquiry.
[*Washington, Gov't print. off., 1908.*] *7 p. 23cm.*
8-27571 **TN23.U75 1908d**

283a ——— *War dept.* Lead mines—Illinois and Missouri. Message from the President, transmitting information in relation to the lead mines belonging to the United States, in the states of Illinois and Missouri. December 8, 1826.
Washington: Printed by Gales & Seaton, 1826. 13 p. 23½cm. (19th Cong., 2d sess. House. Ex. doc. 7.)
149

283b ——— ——— Report from the Secretary of war, in relation to the sale of the mineral lands and salt springs of the United States. Jan. 10, 1838.
[*Washington, 1838.*] *5 p. 23½cm. (25th Cong., 2d sess. Senate. Doc. 93.)*
Regarding the sale or leasing of mineral land. **315**

283c **U. S.** *War dept.* Report from the Secretary of war, relative to the mineral lands in Illinois. Jan. 12, 1846.
[*Washington, 1846.*] *12 p.* *23½cm.* (*29th Cong., 1st sess., Senate. Doc. 65.*)
Relative to the leasing system. 473

284 **Van Hise,** Charles Richard. The conservation of natural resources in the United States.
New York, The Macmillan company, 1910. xiv p., 1 l., 413 p. illus. (maps, charts, tables). xvi pl. 21cm.
"The mineral resources": p. 16–103.
10–21139 **HC106.V18**

285 **Zerbe, J. B.** Conservation of mineral resources.
(*In* American mining congress. Proceedings, 1908. Denver, Colo., 1909. 22½cm. v. 11, p. 181–184.) **TN5.A5 1908**

ARTICLES IN PERIODICALS

286 **1908.** The need for conserving the mineral wealth of the United States.
Engineering news, Dec. 17, 1908, v. 60: 683–684.
Report submitted by the Minerals section of the National conservation commission to the Conference on Dec. 9, 1908.
TA1.E6,v.60

287 **1909.** Holmes, J. A. Production and waste of mineral resources.
Mining world, Oct. 2, 1909, v. 31: 697–700. **TN1.M725,v.31**

288 **1910.** Kemp, J. F. The conservation of mineral resources.
Economic geology, Dec. 1910, v. 5: 765–771. **QE1.E15,v.5**

289 **1911.** Cushman, Allerton S. The conservation of iron.
Franklin institute. Journal, Apr. 1911, v. 171: 345–364.
T1.F8,v.171

291 **1912.** Saving the fuel of the nation.
Current literature, June, 1912, v. 52: 654–656.
Use of water power. **AP2.C95,v.52**

291a **1912.** Parsons, Charles L. The conservation of our mineral resources.
Texas magazine, Dec. 1912, v. 7: 95–99. **F381.T35,v.7**

WATER

BOOKS

292 **Baum,** Frank G. Water power development in the national forests. A suggested government policy.

(*In* American institute of electrical engineers. Proceedings, 1908. New York, 1908. 23½cm. v. 27, pt. 2, p. 1217–1225.)

TK1.A613,v.27,pt.2

293 **Brown,** Neal. In the matter of proposed legislation before the Wisconsin Legislature, asserting ownership on the part of the state to the water powers of Wisconsin. Argument of Neal Brown ... in behalf of water power owners.

[*Wausau, Wis., Record-herald press, 1909.*] *cover-title, 67 p. 21½cm.*

HD1694.W6B7

——— Supplemental argument. January, 1910.

[*Wausau, Wis., Record-herald press, 1910.*] *53 p. 22cm.*

11–28170–1 **HD1694.W6B8**

294 **Chittenden,** Hiram Martin. Forests and reservoirs in their relation to stream flow, with particular reference to navigable rivers. With discussion by Messrs. F. Collingwood, Thomas P. Roberts [etc.].

[*n. p., 1909.*] *cover-title, p. [245]–546 incl. illus., map, tables, diagrs. pl. xxxvii–xlvii. 22½cm.*

Reprinted from Transactions of American society of civil engineers, vol. LXII, p. 245 (1909).

Agr 10–445 **TA1.A5,v.62**

295 **Forbes,** Urquhart Atwell and W. H. R. **Ashford.** Our waterways; a history of inland navigation considered as a branch of water conservancy.

London, J. Murray, 1906. xv, 336 p. fold. map (in pocket). 22½cm.

"List of authorities cited": p. 317–321.

"Chronological list of acts of Parliament relating to rivers": p. 308–312.

6–14609 **HE435.F6**

296 [**Fort**, John Franklin.] Address by the governor of New Jersey on water conservation, delivered before the Newark Board of trade, February 23, 1910.

Trenton, N. J., MacCrellish & Quigley, state printers, 1910. 21 p. 23cm.

"Statement . . . by . . . Eben S. Draper, governor of . . . Massachusetts, relative to the establishment of the Metropolitan water district, under the water act of that state": p. 9–21.

10–33228 **TD224.N5F7**

297 **Gilmore**, Eugene Allen. Riparian rights in Wisconsin. Brief on the nature and scope of riparian rights in Wisconsin and limitations thereon growing out of the public nature of the water. December, 1909.

Washington, Govt. print. off., 1910. 66 p. 23cm. (61st Cong., 2d sess. Senate. Doc. 449.)

10–35695 **HD1694.W6G4**

298 **Hepburn**, A. Barton. The waterways question and conservation of our resources.

(*In his* Artificial waterways and commercial development, New York, 1909. 19½cm. p. 88–93.) **HE381.H5**

299 **Illinois.** *Governor, 1905– (Charles S. Deneen).* Message to the Senate on water power development, May 10, 1907, Nov. 6, 1907.

(*In* Illinois. General assembly. Senate. Journal, 1907–1908. Springfield, 1908. 22½cm. p. 1067–1068; 1443–1445.)

J87.I3 1907–08

300 **Johnson**, Emory Richard. Navigation resources of American waterways.

[*Washington? 1908.*] *39 p. incl. tables. 22cm.*

Address delivered at Conference on the conservation of natural resources, White House, Washington, May 13–15, 1908.

8–24285 **HE393.J7**

301 **King**, Franklin Hiram. Irrigation and drainage; principles and practice of their cultural phases.

New York, London, The Macmillan company, 1899. xxi, 502 p. illus. 18cm. (The rural science series, ed. by L. H. Bailey.)

Jan. 25, 1900–117/3 **S613.K4**

302 **King**, Will R. Law of water conservation and use; address before the Oregon state bar association at Portland, Oregon, November 17, 1908.

Salem, Ore., W. S. Duniway, state printer, 1908. 30 p. 23cm.

9–16341 **TA24.O7K6**

302 **King,** Will R. Law of water conservation and use.
(*In* Oregon state bar association. Proceedings of the 18th and 19th sessions, 1908/09, 1909/10. Portland, Oregon, 1911. 23cm. p. 42–68.)

303 **Leighton,** Marshall Ora, Maxcy R. **Hall** *and* Roy H. **Bolster.** The relation of the southern Appalachian Mountains to the development of water power.
Washington, Gov't print. off., 1908. 54 p. tables. 23cm. (U. S. Forest Service. Circular 144.)
Agr 8–363 **SD11.A27,no.144**

304 **Leighton,** Marshall Ora, *and* A. H. **Horton.** The relation of the southern Appalachian mountains to inland water navigation.
Washington, Govt. print. off., 1908. 38 p. 22½cm. (U. S. Forest Service. Circular 143.)
SD11.A27,no.143

305 **McGee,** W J. The conservation of the waters and woods. [Abstract.]
(*In* American society of mechanical engineers. Proceedings, May, 1908. New York. 1908. 23½cm. v. 30, p. 479–481.)
TJ1.A72,v.30
The Library of Congress has a typewritten copy of the original paper.

306 **Maine.** *State water storage commission.* Annual report.
Augusta, 1911. 1 v. plates, fold. map, fold. profile, diagr. 23½cm.
11–33167 **TC424.M2A15**

307 **Mathews,** John Lathrop. The conservation of water.
Boston, Small, Maynard & company, [c1910]. viii p., 1 l., 289 p. front., plates. 20½cm.
10–28659 **TC406.M4**

308 **Minnesota.** *Waterways commission.* Annual report.
[St. Paul? 1911.] 1 v. 22½cm.
James H. Davidson, chairman.
11–33003 **HD1694.M6A3**

308a **National electric light association.** *Power transmission section.* Report of public conference on water powers and their governmental control.
New York city, [1911]. 12, [12a]–12z, 13–96 p. 21cm.
12–1316 **HD1694.A5N2**

309 **New Jersey.** *Governor, 1908–1911. (John Franklin Fort.)* Second annual message . . . to the Legislature—session of 1910.
Trenton, N. J., MacCrellish & Quigley, state printers, 1910. 42 p. 23cm.
"Waters of the state": p. 32–34.

309 **New Jersey.** *Governor, 1908–1911.* (*John Franklin Fort.*) Third annual message ... to the Legislature—session of 1911.

Trenton, N. J., MacCrellish & Quigley, state printers. 22 p. 23cm.

"The state's potable waters": p. 12. **J87.N52**

309a **New York** (*State*). *Legislature. Joint committee on conservation and utilization of water power.* Report on the conservation of water. 1912. Transmitted to the Legislature January 30, 1912.

Albany, The Argus company, printers, 1912. 3 p. l., iii, 983 p. fold. maps, fold. tables, fold. charts, fold. diagrs. 23cm.

T. Harvey Ferris, chairman.

CONTENTS.—Reports and minutes of the Joint committee on the conservation and utilization of water power. Appendices: A. Extracts from constitutions of various states with reference to water and water supply; B. Statutory enactments of various states with reference to water and water power rights; C. Report upon value of water storage to hydro-electric plants upon Hudson river.

12–33439 **TD224.A6 1912**

310 ——— *Water supply commission.* New York's water supply and its conservation, distribution and uses.

[*Albany, J. B. Lyon company, state printers, 1910?*] *cover-title, 36 p. plates, fold. map. 22½cm.*

11–33090 **TD224.N7A6**

311 ——— ——— Studies of water storage for flood prevention and power development in New York state under public ownership and control. Progress report under chapter 569, Laws of 1907 transmitted to the governor and Legislature, February 1, 1908.

Albany, J. B. Lyon, state printers, 1908. 252 p. maps (partly fold.) plans (partly fold.) diagrs. (partly fold.) 23cm.

Reprinted from the Third annual report of the State water supply commission, with revisions showing results of engineering studies to March 1, 1908.

9–24717 **TC424.N7A4 1908**

312 **Newell,** Frederick Haynes. Irrigation in the United States. Rev. ed.

New York, T. Y. Crowell & Co., [c1906]. 2 p. l., iii–xix, 433 p. illus., LXVIII pl. 19½cm. (Library of economics and politics.)

6–8765 **TC823.N6**

313 **Persons,** Henry H. Water resources of the state of New York.
Albany, J. B. Lyon company, state printers, 1910. 30 p. front., plates, fold. map, fold. diagr. 25½cm.
Address before the National conservation congress, Saint Paul, Minnesota, 1910.
11-33091 **TD224.N7P5**

314 **Putnam,** H. St. Clair. Conservation of power resources.
(*In* American institute of electrical engineers. Proceedings, 1908. New York, 1908. 23½cm. v. 27, pt. 2, p. 1397–1416.)
TK1.A613,v.27,pt.2

315 **Quick,** John Herbert. American inland waterways, their relation to railway transportation and to the national welfare; their creation, restoration, and maintenance.
New York and London, G. P. Putnam's sons, 1909. xx, 241 p. front., plates, maps (1 fold.) 24½cm.
9-31048 **HE393.Q6**

316 **Stillwell,** Lewis B. Electricity and the conservation of energy.
(*In* American institute of electrical engineers. Proceedings, 1909. New York, 1909. 23½cm. v. 28, pt. 1, p. 317–332.)
Discussion, by John Coffee Hays: p. 333–341.
TK1.A613,v.28,pt.1
Also printed in American institute of mining engineers. Bulletin, (Special no.) Conservation of natural resources, Mar. 24, 1909: 43–56. **TN1.A515 1909**

317 **Swain,** George F. The conservation of stream flow, water power and navigation. [Abstract.]
(*In* American society of mechanical engineers. Proceedings, May, 1908. New York, 1908. 23½cm. v. 30, p. 484–487.)
TJ1.A72,v.30
The Library of Congress has a typewritten copy of the original paper.

318 **Tavernier,** René, *and* Marshall O. **Leighton.** The public utility of water powers and their governmental regulation.
Washington, Govt. print. off., 1910. 161 p. 23cm. (U. S. Geological survey. Water-supply paper 238.)
G S 10-55 **TC801.U2,no.238**

319 **U. S.** *Bureau of corporations.* Report of the commissioner of corporations on water-power development in the United States. March 14, 1912.
Washington, Govt. print. off., 1912. xx, 220 p. charts (partly fold.) fold. maps. 24cm.
Herbert Knox Smith, commissioner; Thomas M. Robertson, assistant.
CONTENTS.—pt. I. Physical conditions and economic aspects of water power.—pt. II. Concentration of ownership and control.—pt. III. Water power and the public.
12-35494 **HD1694.A4 1912b**

320 U. S. *Congress. House. Committee on interstate and foreign commerce.* Report of subcommittee on dams and water power. February 25, 1909.
Washington, Govt. print. off., 1909. 44 p. 23cm.
F. C. Stevens, chairman of subcommittee.
9-35355 **HD1694.A4A5 1909a**

321 ——— ——— *Committee on mines and mining.* Investigation of water resources in the United States. Report. <To accompany H. R. 23583.>
[*Washington, Gov't print. off., 1907.*] *8 p. 23cm.* (*59th Cong., 2d sess. House. Rept. 6408.*)
7-35126 **GB701.A5 1907**

322 ——— ——— *Committee on rivers and harbors.* Water resources investigations. [Hearing] April 21, 1908.
[*Washington, Govt. print. off., 1908.*] *287-304 p. 23cm.*
Statements of George Otis Smith, director of the United States Geological survey, and others.
CA 9-2857 Unrev'd **GB701.A5 1908**

323 ——— *Senate. Committee on forest reservations and the protection of game.* Conservation of navigable rivers. Supplemental report. June 16, 1910.
[*Washington, Govt. print. off., 1910.*] *6 p. 23½cm.* (*61st Cong., 2d sess. Senate. Rept. 846, pt. 2.*) **5584**

324 ——— ——— *Committee on the Geological survey.* Investigation of the water resources of the United States. Report. <To accompany S. 7359.>
[*Washington, Gov't print. off., 1907.*] *18 p. 23cm.* (*59th Cong., 2d sess. Senate. Rept. 6667.*)
Letter from C. D. Walcott, director, U. S. Geological survey, dated Jan. 17, 1907, and other correspondence, together with House report 6408, 59th Cong., 2d sess., from the House Committee on mines and mining, are included.
7-35142 **GB701.A5 1907a**

325 ——— *Dept. of the interior.* Water rights and power sites in Idaho. Letter from the secretary of the interior, transmitting, in response to Senate resolution no. 159, of January 27, 1910, information relative to water rights, power sites, etc., acquired on the public lands in Idaho.
[*Washington, Govt. print. off., 1910.*] *14 p. fold. map. 23cm.* (*61st Cong., 2d sess. Senate. Doc. 370.*)
10-35665 **HD1694.I2A4 1910**

326 ——— *Forest service.* The use book; regulations and instructions for the use of the national forests. Water power. 1911.
Washington, Govt. print. off., 1911. 86 p. 18cm.
SD426.A3 1911

327 **U. S.** *Geological survey.* Papers on the conservation of water resources, reprinted from Report of the National conservation commission, February, 1909.

Washington, Govt. print. off., 1909. 96 p. 2 maps (1 fold.) diagrs. 23cm. (U. S. Geological survey. Water-supply paper 234.)

CONTENTS.—Distribution of rainfall, by H. Gannett.—Floods, by M. O. Leighton.—Developed water powers, compiled under the direction of W. M. Steuart, with discussion by M. O. Leighton.—Undeveloped water powers, by M. O. Leighton.—Irrigation, by F. H. Newell.—Underground waters, by W. C. Mendenhall.—Denudation, by R. B. Dole and H. Stabler.—Control of catchment areas, by H. N. Parker.

G S 9-252 **TC801.U2,no.234**

328 ——— *Inland waterways commission.* Preliminary report. Message from the President . . . transmitting a preliminary report.

Washington, Govt. print. off., 1908. vii, 701, [1] p. fold. maps, diagrs. 23cm. (60th Cong., 1st sess. Senate. Doc. 325.)

Theodore E. Burton, chairman.

Another issue of the Report and Message was pub. under same document no. (27 p.)

The Appendix consists of statistical and other papers; no. 1–9 prepared by the Bureau of corporations; others prepared either in accordance with the desire of the Commission or at the request of individual commissioners by experts under whose names they appear. *cf.* p. 33.

8-35638 **HE393.A13 1908f**

329 ——— *National waterways commission.* Preliminary report.

Washington, Govt. print. off., 1910. 71 p. 23cm. (61st Cong., 2d sess. Senate. Doc. 301.)

Presented by Mr. Burton, chairman.

Also printed in the final report of the Commission.

10-35086 **HE393.A25 1910**

330 ——— ——— Final report of the National waterways commission.

Washington, Govt. print. off., 1912. 579 p. fold. diagrs. 23cm. (62d Cong., 2d sess. Senate. Doc. 469.)

Theodore E. Burton, chairman.

Appendices: I. Preliminary report of the National waterways commission.—II. The utility of storage reservoirs for flood prevention, power, and navigation, M. O. Leighton.—III. Effect of the federal reservoirs upon the flow of the Mississippi River ... 1910, Robert Follansbee.—IV. The practicability of storage reservoirs to prevent floods and to benefit navigation on the Ohio and other rivers of the United States, W. H. Bixby.—V. Forests and water in the light of scientific investigation, Raphael Zon.—VI. The law of waters,

G. W. Mooney.—VII. Constitutional provisions of various states relating to watercourses and the use of water, G. W. Mooney.—VIII. Federal statutes relating to water power, G. W. Mooney.—IX. A comparison of American and European waterways with special reference to factors influencing the development of water transportation, E. O. Merchant.

12–35620 **HE393.A25**

331 ——— *President, 1901–1909 (Roosevelt).* Special message of the President communicated to the House of representatives on January 15, 1909.

Washington, Govt. print. off., 1909. 25 p. 23cm. (60th Cong., 2d sess. House. Doc. 1350.)

Veto of House bill 17707, authorizing W. H. Standish to build a dam across James River, Mo., for creating electric power.

9–35208 **HD1694.A4**

332 **Van Hise,** Charles Richard. The conservation of natural resources in the United States.

New York, The Macmillan company, 1910. xiv p., 1 l., 413 p. illus. (maps, charts, tables). XVI pl. 21cm.

"Water:" p. 104–207.

10–21139 **HC106.V18**

333 **Wadsworth,** James Wolcott, *jr.* Forest preservation and conservation of water supply. Speech delivered before the American paper and pulp association, February 4, 1909.

[n. p., 1909.] 8 p. 23cm.

"Distributed by the Forestry, water storage and manufacturing association of the state of New York."

9–29993 **SD425.W2**

333a **White,** Arthur V. Instructions relating to the gathering of certain preliminary information respecting water-powers.

Ottawa, [Commission of conservation], 1912. 31 p. 28cm.

334 **Wisconsin.** *Governor, 1901–1905 (Robert M. La Follette).* [Message to the Legislature], Apr. 12, 1905.

(*In* Wisconsin. Legislature. Journal of proceedings 1905. Madison, 1905. 22 cm. v. 1. p. 1050–1054.)

Recommendations as to granting franchises to dam navigable streams.

J87.W6 1905c

335 **1907.** Pinchot, Gifford. The conservation of natural resources.
Outlook, Oct. 12, 1907, v. 87: 291–294. AP2.O8,v.87

336 **1908.** Quick, John Herbert. Rivers and the conservation movement.
Putnam's magazine, Apr., 1908, v. 4: 3–15. AP2.P98,v.4

337 **1908.** Leighton, M. O. The relation of water conservation to flood prevention and navigation in the Ohio river.
Engineering news, May 7, 1908, v. 59: 498–499. TA1.E6,v.59

338 **1908.** Haupt, Lewis M. The waterways problem.
Franklin institute. Journal, May, 1908, v. 165: 325–344. T1.F8,v.165

339 **1908.** Page, A. W. Rediscovery of our greatest wealth [water-power].
World's work, May, 1908, v. 16: 10223–10228. AP2.W8,v.16

340 **1908.** Forbes-Lindsay, C. H. Control and use of our water-power.
Craftsman, Aug. 1908, v. 14: 486–496. N1.C87,v.14

341 **1908.** Haupt, Lewis M. "A wheel in the middle of a wheel." Waterway legislation.
Franklin institute. Journal, Aug. 1908, v. 166: 147–162. T1.F8,v.166

342 **1908.** Walsh, George Ethelbert. Merging the country's water power.
Moody's magazine, Aug. 1908, v. 6: 91–98. HG1.M85,v.6

343 **1908.** Crandall, C. S. Inland waterways and their menace through deforestation.
Technical world magazine, Aug. 1908, v. 9: 641–648. T1.T2,v.9

344 **1908.** Schon, H. von. Use and conservation of water-power resources.
Engineering magazine, Sept.–Dec. 1908, v. 35: 825–836; v. 36: 81–88, 425–434. TA1.E59,v.35

345 **1908.** Coutts, W. A. Are natural water powers public property?
Central law journal, Nov. 6, 1908, v. 67: 356-363.

346 **1908.** Leighton, M. O. Water-power; our unappreciated resource and our future refuge.
Conservation, Dec. 1908, v. 14: 649–651. **SD1.F7,v.14**

347 **1908.** Taylor, Edward R. Natural and artificial conservation of water power for electrical purposes.
Franklin institute. Journal, Dec. 1908, v. 166: 409–432.
T1.F8,v.166

348 **1909.** Lakeman, C. E. State control of water-power.
American review of reviews, Jan. 1909, v. 39: 57–62.
AP2.R4,v.39

349 **1909.** Vaughan, John F. The conservation of our water powers.
Stone & Webster public service journal, Feb. 1909, v. 4: 92–97. **TK1.S8,v.4**

350 **1909.** Hyde, H. M. Development of and monopoly of United States water power.
Technical world magazine, Feb. 1909, v. 23: 455–469.
T1.T2,v.23

350a **1909.** Freeman, John R. The conservation of water.
American institute of Mining engineers. Bulletin, (Special no.) Conservation of natural resources, Mar. 24, 1909: 7–19.
TN1.A515 1909

351 **1909.** Welliver, J. C. National water power trust.
McClure's magazine, May, 1909, v. 33: 35–39.
AP2.M2,v.33

351a **1909.** Mathews, John L. Conservation of the water power of the United States.
Hampton's magazine, June, 1909, v. 22: 760–773.
AP2.H152,v.22

352 **1909.** Swain, George F. The equalizing influence of forests on the flow of streams and their value as a means of improving navigation.
Conservation, Aug., Sept. 1909, v. 15: 489–494, 557–562.
SD1.F7,v.15

353 **1909.** Mathews, J. L. Corporations get control of United States water-power.
Hampton's magazine, Aug. 1909, v. 23: 201–214.
AP2.H152,v.23

354 **1909.** French, W. Seizure of the people's water power.
Independent, Sept. 16, 1909, v. 67: 650–656. **AP2.I53,v.67**

355 **1909.** Laut, Agnes C. Fight for water in the West.
Collier's weekly, Oct. 16, 30, Nov. 20, Dec. 4, 1909, v. 44: 17–19, 13–15, 15–16, 18–19. **AP2.C65,v.44**

356 **1909.** Mathews, J. L. United States water power. Neglected by government, grabbed by private corporations.
Hampton's magazine, Oct. 1909, v. 23: 455–469. **AP2.H152,v.23**

357 **1909.** King, George Judson. How Switzerland saved her "white coal."
Twentieth century magazine, Dec. 1909, v. 1: 195–201. **AP2.T88,v.1**

358 **1910.** New York's conservation of water resources.
American monthly review of reviews, Jan. 1910, v. 41: 77–87. **AP2.R4,v.41**

359 **1910.** Howe, Frederick C. The white coal of Switzerland.
Outlook, Jan. 22, 1910, v. 94: 151–158. **AP2.O8,v.94**

360 **1910.** Woehlke, W. V. The water savers [conservation and irrigation in California].
Outlook, Mar. 26, 1910, v. 94: 659–667. **AP2.O8,v.94**

361 **1910.** Gov. Hughes' policy of water conservation.
McClure's magazine, Apr. 1910, v. 34: 77–87. **AP2.M2,v.34**

361a **1910.** Garfield, James R. Conservation of water rights.
Paper trade journal, Apr. 28, 1910, v. 50: 36. **TS1080.P2,v.50**

362 **1910.** Higginson, H. L. Control of water-power.
World's work, Sept. 1910, v. 20: 13404–13405. **AP2.W8,v.20**

363 **1911.** Fairlie, John A. Public regulation of water power in the United States and Europe.
Michigan law review, Apr. 1911, v. 9: 463–483.

364 **1911.** Schon, H. von. The most resourceful utilization of water powers. 2. State policies and the best development plan.
Engineering magazine, May, 1911, v. 41: 300–308. **TA1.E59,v.41**

364a **1911.** Arnold, G. S. The development of water power on public domain.
American conservation, July, 1911, v. 1: 213–223. **HC101.A45,v.1**

365 **1912.** Concentration of water-power control.
Journal of political economy, May, 1912, v. 20: 513–514.
HB1.J7,v.20

366 **1912.** Atwood, Albert W. The control of water-power.
Steam shovel and dredge, June, 1912, v. 16: 477–481.
HD6350.S57S8,v.16

366a **1912.** Church, J. E., *jr.* The conservation of snow. Its dependence on forests and mountains.
Scientific American supplement, Sept. 7, 1912, v. 74: 152–155.
T1.S52,v.74

366b **1912.** Benjamin, H. W. A municipal water conservation exhibit [Philadelphia].
American city, Nov. 1912, v. 7: 447–449. **HT**

366c **1912.** Bemis, Edward W. Water conservation by cities.
American review of reviews, Nov. 1912, v. 46: 597–601.
AP2.R4,v.46

FORESTS

BOOKS

366d **Allen,** E. T. Forest conservation.
(*In* National education association of the United States. Journal of proceedings and addresses, 1911. p. 952–958.)
E 12–485 **L13.N4 1911**

367 **Ammons,** E. M. Forest reservations. Address delivered before the joint session of the Colorado legislature, March, 1909, relative to the rights in and uses of forest reservations.
[*Washington, Govt. print. off., 1910.*] *18 p. 23cm.* ([*U. S.*] *61st Cong., 2d sess. Senate. Doc. 650.*)
10–35863 **SD426.A66**

368 **Beveridge,** Albert J. The national forest service.
(*In his* The meaning of the times and other speeches. Indianapolis, 1908. 23½cm. p. 368–403.) **H35.B5**

369 **Bruncken,** Ernest. North American forests and forestry; their relations to the national life of the American people.
New York and London, G. P. Putnam's sons, 1900 [1899]. vi p., 1 l., 265 p. 22cm.
Mar. 8, 1900–6 **SD373.B89**

369a **California.** *Conservation commission.* Discussion of forestry problems.
Sacramento, Superintendent of state printing, 1912. 90 p. 22½cm.
Report of public meetings held before the State conservation commission to discuss questions relating to forestry in California, on Mar. 26 and 27, 1912.
12–33435 **SD144.C2A4 1912**

370 ——— *State board of forestry.* A handbook of forest protection. Forest laws. Rules for the prevention of fires. Instructions to fire fighters. List of firewardens, 1910. July issue.
Sacramento, W. W. Shannon, supt. state printing, 1910. 34 p. 16½cm.
G. M. Homans, state forester.
11–6314 **SD421.C2**

371 **Chittenden**, Alfred Knight, *and* Harry **Irion**. The taxation of forest lands in Wisconsin.
Madison, Wis., Democrat printing co., state printer, 1911. 80 p. 24cm.
Agr 11–435 **HJ4284.A3C6**

372 **Cleveland**, Treadwell, *jr*. The progress in forestry in 1908.
(*In* U. S. Dept. of agriculture. Yearbook, 1908. Washington, 1909. 23½cm. p. 538–551.) **S21.A35 1908**

373 ——— What forestry has done.
Washington, Govt. print. off., 1908. 31 p. 23cm. (U. S. Forest service. Circular 140.)
Agr 8–237 **SD11.A27,no.140**

374 ***Fernow**, Bernhard Eduard. A brief history of forestry in Europe, the United States and other countries.
[*New Haven, Conn., The Price, Lee & Adkins co., 1907.*] *438 p.*

375 ——— Economics of forestry; a reference book for students of political economy and professional and lay students of forestry.
New York, T. Y. Crowell & co., [1902]. 1 p. l., xii, 520 p. 19½cm. [Library of economics and politics.]
Bibliography: p. 491–507.
3–10 **SD371.F36**

376 ——— Forest policies and forest management in Germany and British India.
Washington, Govt. print. off., 1899. 1 p. l., 205–263 p. illus. 29½cm.
Reprinted from H. Doc. no. 181, 55th Cong., 3d sess.
8–31881 **SD611.F5**

377 ——— The Swedish forest conservation law.
(*In* Canada. Commission of conservation. Second annual report, 1911. Montreal, 1911. 8°. p. 85–88.) **HC111.A3 1911**
Also printed in Forestry quarterly, Mar. 1911, v. 9: 59–61.
SD1.F75,v.9

378 **Finley**, William Wilson. The development of the Appalachian region. Address, July 13, 1911.
[*Washington, 1911.*] *7 p. 27½cm.* **HC107.A13F6**

378a **Gaylord**, Frederick Alan. Forestry and forest resources in New York.
Albany, J. B. Lyon company, state printers, 1912. 58 p. front., plates. 23cm. (New York (State). Conservation commission. Division of lands and forests. Bulletin 1.)
Agr 12–1736

379 **Glenn,** L. C. The influence of forests on streams.
(*In* Engineering association of the south. Proceedings, 1910. Nashville, Tenn., 1910. 23½cm. v. 21, p. 67–94.) **TA1.E574,v.21**

379a **Graves,** Henry S. Forest preservation.
(*In* Smithsonian institution. Annual report. 1910. Washington, 1911. 23½cm. p. 433–445. 7 pl. on 4 l.)
11–31573 **Q11.S66 1910**

380 **Hosmer,** R. S. The part played by the forest in conservation. An address delivered at special conservation meeting, Nov. 1910.
(*In* Hawaii (Ter.) Board of commissioners of agriculture and forest. Division of forestry. Annual report, 1910. Honolulu, 1911. 23cm. p. 98–102.) **SD115.H3A3 1910**

380a **Hough,** Franklin Benjamin. On the duty of governments in the preservation of forests.
[*Salem, Salem press, 1873.*] *10 p. 22½cm.*
"From the Proceedings of the American association for the advancement of science, Portland meeting, August ,1873."
12–18878 **SD381.H828**

381 **Kellogg,** Royal S. The drain upon the forests.
Washington, Govt. print. off., 1907. 16 p. 22½cm. (U. S. Forest service. Circular 129.) **SD11.A27,no.129**

382 ***Massachusetts.** *State forester.* We must stop forest fires in Massachusetts.
Boston, Wright & Potter printing co., state printers, 1909. 43 p. illus., plates. 23cm.
Agr. 9–1531

382a **Mumford,** George D. The world's timber problem with some conclusions.
[*n. p.*], *1912. 1 p. l., 56 p. incl. tables. 24½cm.*
Agr 12–1493 **HD9750.5M8**

383 **National lumber manufacturers' association.** Official report . . . annual convention.
Chicago, 1910–1912. 3 v. col. plates. 24cm.
Contain numerous articles on forest conservation.
10–18984 **HD9751.N3**

384 **Pinchot,** Gifford. The conservation of natural resources.
Washington, Govt. print. off., 1908. 12, ii p. 23cm. (U. S. Dept. of agriculture. Farmers' bulletin 327.)
Agr 8–442 **S21.A6,no327**

385 **Pinchot,** Gifford. I. Government forestry abroad, by Gifford Pinchot. II. The present condition of the forests on the public lands, by Edward A. Bowers. III. Practicability of an American forest administration, by B. E. Fernow.
[*Baltimore*], *American economic association, 1891. 101 p. 23cm. (Publications of the American economic association. [Monographs] v. 6, no. 3.)*
4-441 **HB1.A5 vol. 6**

386 ——— Notes on some forest problems.
(*In* U. S. Dept. of agriculture. Yearbook, 1898. Washington, 1899. 23½cm. p. 181-192.) **S21.A35 1898**

387 ——— A primer of forestry.
Washington, Govt. print. off., 1903-1909. 2 v. illus. 24cm. (U. S. Dept. of agriculture. Farmers' bulletin no. 173, 358.)
A rev. ed. of Bulletin no. 24, Division of forestry.
4-18259/4 **SD373.P65**
S21A6.no.173,358

387a **Plummer,** Fred Gordon. Forest fires: their causes, extent and effects, with a summary of recorded destruction and loss.
Washington, Govt. print. off., 1912. 39 p. incl. maps, tables. front. 23cm. (U. S. Dept. of agriculture. Forest service. Bulletin 117.)
Agr 12-1721 **SD11.A2,no.117**

388 * **Schenck,** Carl Alwin. Forest policy. 2d ed., rev. and enl.
Darmstadt, Printed by C. F. Winter, 1911. x, 168 p. 22cm.
Agr 11-1088

389 * ——— Forest protection; guide to lectures delivered at the Biltmore forest school.
Asheville, N. C., The Inland press, 1909. 159 p. incl. tables. 23cm.
Agr 10-815

390 **Smoot,** Reed. Address of Hon. Reed Smoot . . . chairman section of forests, before the governors, state and national conservation commissions, Washington, D. C., December 10, 1908.
[*Washington, Govt. print. off., 1908.*] *5 p. 23cm. ([U. S.] 60th Cong., 2d sess. Senate. Doc. 593.)*
8-35776 **SD426.S6**

391 **U. S.** *Congress. House. Committee on agriculture.* Appalachian forest reserve, etc. Report. <To accompany H. R. 19573.>

[*Washington, Govt. print. off., 1906.*] *21 p. 23cm. (59th Cong., 1st sess. House. Rept. 4399.)*

"History of southern Appalachian reserve legislation" [references to bills and reports, 1900–1904]: p. 11.

6–35253 **SD428.A6A31**

392 ——— ——— *Committee on the judiciary.* Hearing on House resolution 208.

Washington, Govt. print. off., 1908. 46 p. 23cm.

Hearing February 27, 1908, on power of the government to buy lands in Southern Appalachian and White mountains for forest reserves.

8–29353 **SD428.A6A4**

393 ——— ——— ——— Power of federal government to acquire lands for national forest purposes. <To accompany H. Res. no. 365.>

[*Washington, Govt. print. off., 1908.*] *42 p. 23cm. (60th Cong., 1st sess. House. Rept. 1514.)*

Concerning questions raised by bills (H. R. 10456 and H. R. 10457) "for the acquirement of national forests in the Southern Appalachian and White Mountain regions."

8–35426 **SD426.A5 1908g**

394 ——— *Senate. Committee on forest reservations and the protection of game.* Acquiring national forests in Southern Appalachian and White Mountains. Report. <To accompany S. 4825.>

[*Washington, Govt. print. off., 1908.*] *1 p. l., 15 p. 23cm. (60th Cong., 1st sess. Senate. Rept. 459.)*

8–35331 **SD426.A5 1908a**

395 ——— ——— ——— Appalachian forest reserve, etc. Report. <To accompany S. 4953.>

[*Washington, Govt. print. off., 1906.*] *19 p. fold. map. 23cm. (59th Cong., 1st sess. Senate. Rept. 2537.)*

"History of southern Appalachian reserve legislation" [references to bills and reports, 1900–1904]: p. 9.

6–35263 **SD428.A6A3**

396 ——— ——— ——— Acquiring national forests in the White and Appalachian mountains. Report. June 15, 1910.

[*Washington, Govt. print. off., 1910.*] *1 p. 23½cm. (61st Cong., 2d sess. Senate. Rept. 846.)* **5584**

397 **U. S.** *Congress. Joint committee to investigate Interior dept. and Forest service.* Investigation of the Department of the interior and of the Bureau of forestry.
Washington, Govt. print. off., 1911. 13 v. fold. maps. 23cm. (61st Cong., 3d sess. Senate. Doc. 719.)
Knute Nelson, chairman.
CONTENTS.—v. 1. Report of committee.—v. 2. Charges of L. R. Glavis to President.—v. 3–8. Hearings before committee.—v. 9. Arguments and briefs of counsel. Index to hearings.—v. 10–12. Cunningham coal entries.—v. 13. Mining laws of Australia and New Zealand. [Reports by A. C. Veatch.]
11–35134 **HD171.E10**

398 ——— *Dept. of agriculture.* Expenditures for national forest administration. Letter from the Secretary of agriculture.
[*Washington, Govt. print. off., 1912.*] *49 p. incl. tables, diagr. 23½cm. (62d Cong., 2d sess. House. Doc. 681.)*
12–35558 **SD426.A5 1912**

399 ——— ——— Message from the President of the United States, transmitting a report of the Secretary of agriculture in relation to the forests, rivers and mountains of the southern Appalachian region.
Washington, Govt. print. off., 1902. 210 p. 78 pl., 2 fold. maps. 29½cm. (57th Cong., 1st sess. Senate. Doc. no. 84.)
Prepared in cooperation with the Department of the interior. Appendix A is submitted by the Bureau of forestry, B–C by the Geological survey and D by the Weather bureau.
CONTENTS.—Letter of transmittal.—Report.—App. A: Forests and forest conditions . . . by H. B. Ayres and W. W. Ashe. Lumbering . . . by O. W. Price. Description of the southern Appalachian forests, by river basins, by H. B. Ayres and W. W. Ashe. Trees . . . by W. W. Ashe and H. B. Ayres. List of shrubs . . . by W. W. Ashe.—App. B: Topography and geology . . . by Arthur Keith.—App. C: Hydrography . . . by H. A. Pressey . . . and E. W. Myers.—App. D: Climate . . . by Alfred J. Henry.—App. E: The present status of the movement for the proposed forest reserve in the southern Appalachians: Memorials, resolutions, etc.
2–27799/6 **SD143.U5**

400 ——— ——— Report of the secretary of agriculture on the Southern Appalachian and White Mountain watersheds; commercial importance, area, condition, advisability of their purchase for national forests, and probable cost.
Washington, Govt. print. off., 1908. 39 p. 2 fold. maps. 25cm. (60th Cong., 1st sess. Senate. Doc. 91.)
8–35068 **SD426.A5 1908**

401 **U. S.** *Dept. of justice.* National forest reserve. Conservation charge for use of lands or resources. Opinion of the Attorney general, Oct. 5, 1907.

(*In* U. S. Forest service. The use book ... 1908. Washington, 1908. 17½cm. p. 273–278.) **SD426.A3 1908**

402 ——— *Forest service.* Federal and state forest laws. Compiled by George W. Woodruff.

Washington: Govt. print. off. 1904. 259 p. 23½cm. (U. S. Bureau of forestry. Bulletin no. 57.) **SD11.A2,no.57**

403 ——— ——— Location, date of latest proclamation, and area of national forests in United States, Alaska, and Porto Rico. Mar. 1, 1908.

n. t. p. 4 p. 8°.

404 ——— ——— The national forest manual. Regulations of the secretary of agriculture and instructions to forest officers relating to claims, settlement, and administrative sites on national forest lands. Claims. Settlement. Administrative sites.

Washington, Govt. print. off., 1912. 56 p. 23cm.

Agr 12–24

405 ——— ——— Purchase of land under the Weeks law in the southern Appalachian and White Mountains.

[*Washington, Govt. print. off.*], *1911. 9 p. 23cm.*

Agr 11–426

406 ——— ——— The use book; regulations and instructions for the use of the national forest reserves. 1906–1908.

Washington, Govt. print. off., 1906–1908. 3 v. 17½cm. (U. S. Forest service. [Publication].)

Agr 6–1152 **SD426.A3**

407 ——— ——— The use book; regulations and instructions for the use of the national forests. Grazing. 1910.

Washington, Govt. print. off., 1910. 84 p. 20cm.

SD426.A3 1910

408 ——— ——— The use of the national forests. 1907.

[*Washington, Govt. print. off.*], *1907. 42 p. front., VI pl. 18½cm. (U. S. Forest service. [Publication].)*

Agr 7–1917 **SD426.A5 1907a**

409 ——— ——— The use of the national forest reserves. Regulations and instructions.

[*Washington, Govt. print. off., 1905.*] *142 p. 16½cm.*

Appendix. Creation and administration of forest reserves [acts of Congress]: p. 99–133.

6–2978 **SD427.U45**

410 **U. S.** *National forest reservation commission.* Report.
[*Washington, Govt. print. off., 1911.*] *1 v.* *23½ cm.*

First report has title, "National forest reservation commission. Letter from the secretary of war, transmitting, pursuant to law, the report of the National forest reservation commission for the year ended June 30." Issued as Senate doc. 137, 62d Cong., 2d sess.

President: Henry L. Stimson, 1911.

11-35944 **SD426.A25**

411 ——— *Weather bureau.* A report on "The influence of forests on climate and on floods," by Willis L. Moore.
Washington, Govt. print. off., 1910. *38 p.* *charts (1 fold.) diagrs.* *23½ cm.*

10-35184 **SD425.U5 1910**

412 **Van Hise,** Charles Richard. The conservation of natural resources in the United States.
New York, The Macmillan company, 1910. *xiv p., 1 l., 413 p.* *illus. (maps, charts, tables).* *XVI pl.* *21 cm.*

"Forests": p. 208-262.

10-21139 **HC106.V18**

413 **Vertrees,** John J. Investigation of the Department of the interior resulting from the Glavis charges; or, The Ballinger-Pinchot controversy. Brief of John J. Vertrees, attorney for Secretary Ballinger. June, 1910.
[*Washington? 1910.*] *82 p.* *23 cm.*

10-28532 **HD171.E10h**

414 **Wadsworth,** James Wolcott, *jr.* Forest preservation and conservation of water supply. Speech delivered before the American paper and pulp association, February 4, 1909.
[*n. p., 1909.*] *8 p.* *23 cm.*

"Distributed by the Forestry, water storage and manufacturing association of the state of New York."

9-29993 **SD425.W2**

414a **Walker,** T. B. Conservation of the forest.
Commonwealth club of California. Transactions, Feb. 1910, v. 5: 1-14.

414b **Whidden,** Guy Carleton *and* Wilfred H. **Schoff.** Pennsylvania and its manifold activities.
Philadelphia, [*Printed by the Beck engraving company*], *1912.* *287,* [*1*] *p.* *illus., fold. map.* *24 cm.*

"Conservation of forest wealth": p. 39-44.

12-17284 **HC107.P4W6**

ARTICLES IN PERIODICALS

415 **1907.** Hoover, T. L. The roof of New England—a plea to save our forests—their economic value set forth.
Craftsman, Jan. 1907, v. 11: 435–441. **N1.C87,v.11**

416 **1907.** Geiser, K. F. Forestry results in Germany.
World's work, Mar. 1907, v. 13: 8642–8650. **AP2.W8,v.13**

417 **1907.** Allen, P. L. Our forest balance sheet.
Nation, May 9, 1907, v. 84: 425–426. **AP2.N2,v.84**

418 **1908.** Pinchot, Gifford. Relation of forests to stream control.
American academy of political and social science. Annals, Jan. 1908, v. 31: 219–227. **H1.A4,v.31**

419 **1908.** White, S. E. The fight for the preservation of forests.
American magazine, Jan. 1908, v. 65: 252–261. **AP2.A346,v.65**

420 **1908.** Appalachian forest purchase bill.
Forestry and irrigation, Jan., Mar., 1908, v. 14: 25–27; 139–142. **SD1.F7,v.14**

421 **1908.** Page, A. W. Statesmanship of forestry.
World's work, Jan. 1908, v. 15: 9839–9857. **AP2.W8,v.15**

422 **1908.** Forest perpetuation and forest supplies.
Forestry and irrigation, Feb. 1908, v. 14: 87–89. **SD1.F7,v.14**

423 **1908.** Ford, Frederick W. The national forests.
Government, Feb. 1908, v. 2: 313–325. **H1.G7,v.2**

424 **1908.** Phillips, Roland. The vanishing forests of America.
Harper's weekly, Mar. 28, 1908, v. 52: 10–12. **AP2.H32,v.52**

425 **1908.** Hough, Emerson. Forests of the United States disappearing.
Everybody's magazine, May, 1908, v. 18: 579–592. **AP2.E9,v.18**

426 **1908.** Will, Thomas E. Saving the forests and streams of the United States.
Franklin institute. Journal, May, 1908, v. 165: 345–361. **T1.F8,v.165**

427 **1908.** Sterling, E. A. The necessity for corporation forestry. A discussion of the problems of future timber supply in the Eastern United States.
Engineering magazine, June, 1908, v. 35: 434–437.
TA1.E59,v.35

428 **1908.** Pinchot, Gifford. Uncle Sam's woodlot.
Independent, June 18, 1908, v. 64: 1374–1377.
AP2.I53,v.64

429 **1908.** Lamb, F. H. Problem of conserving the forest resources of Pacific Coast states.
Pacific lumber trade journal, June, 1908, v. 14: 25–26.
TS800.P2,v.14

430 **1908.** Long, R. A. Forest conservation.
Forestry and irrigation, July, 1908, v. 14: 410–416.
SD1.F7,v.14

431 **1908.** Will, Thomas Elmer. Shall our forest wealth be destroyed?
Popular science monthly, Aug., 1908, v. 73: 176–187.
AP2.P8,v.73

432 **1908.** Mac Kisson, *Mrs.* J. E. Need of forestry work in United States.
Conservation, Sept. 1908, v. 14: 487–491. **SD1.F7,v.14**

433 **1908.** Hawes, Austin F. Forestry, the salvation of a worn-out Connecticut town.
New England magazine, Sept., 1908, n. s. v. 39: 19–25.
AP2.N4,n.s.v.39

434 **1908.** Woman's co-operation enlisted in the work of forest conservation.
American lumberman, Oct. 31, 1908, no. 1745: 36–37.
TS800.A5,1908

435 **1908.** Baum, F. G. The national forests: The development, use and conservation of their resources.
Journal of electricity, power and gas, Nov. 7, 1908, v. 21: 293–301. **TK1.J7,v.21**

436 **1908.** Ackerman, Alfred. Duty of a state regarding forestry.
Southern lumberman, Nov. 7, 1908, v. 57: 35–36.
TS800.S7,v.57

437 **1908.** Dyer, F. J. Forest fire. What it means.
World's work, Nov. 1908, v. 17: 10906–10908. **AP2.W8,v.17**

438 **1908.** Mossé, Armand. La protection des forêts.
Journal des économistes, Dec. 15, 1908, 6. sér., t. 20: 330–351. HB3.J8,6.sér.t.20

439 **1908.** Donaldson, A. L. Forest fires and their prevention.
Outlook, Dec. 19, 1908, v. 90: 876–878. AP2.O8,v.90

440 **1909.** Cleveland, T., *jr.* United States national forests from economic standpoint.
Geographical society of Philadelphia. Bulletin, Jan. 1909, v. 7: 11–20. G3.G34,v.7

441 **1909.** Value of the United States forest service.
National geographic magazine, Jan. 1909, v. 20: 29–41. G1.N27,v.20

442 **1909.** Willey, Day Allen. The tragedy of the tree; the problem of our future lumber supply and how the government is trying to solve it.
Moody's magazine, Feb. 1909, v. 7: 103–109. HG1.M85,v.7

443 **1909.** Somerville, William. Forestry in some of its economic aspects.
Royal statistical society. Journal, Mar. 31, 1909, v. 72: 40–54.
Discussion: p. 55–63. HA1.R8,v.72

444 **1909.** Hyde, H. M. Use and misuse of United States forests.
Technical world magazine, Mar. 1909, v. 11: 3–18. T1.T2,v.11

445 **1909.** Hollis, Allen. Electrical development, and forest preservation.
Conservation, Apr. 1909, v. 15: 214–217. SD1.F7,v.15

446 **1909.** Régnault, Félix. The perils of deforestation.
International, Apr. 1909, v. 5: 45–51. AP4.I5,v.5

447 **1909.** Maxwell, H. National afforestation.
Nineteenth century and after, Apr. 1909, v. 65: 648–662. AP4.N7,v.65

448 **1909.** Strother, French. San Francisco against the nation for the Yosemite; the attempt of the city to acquire a part of a national park for a water supply.
World's work, Apr. 1909, v. 17: 11441–11446. AP2.W8,v.17

449 **1909.** Start, Edwin A. The fight for the Appalachian forests.
Conservation, May, 1909, v. 15: 251–261. SD1.F7,v.15

450 **1909.** Kellogg, R. S. Conservation of forests. What it means.
Conservation, May, 1909, v. 15: 283–286. SD1.F7,v.15

451 **1909.** A "plain farmer's" view of the forestry question.
New England magazine, May, 1909, n. s. v. 40: 368–369. **AP2.N4,n.s.v.40**

452 **1909.** Ellis, J. L. Turning national forests into homesteads.
World to-day, June, 1909, v. 16: 636–640. **AP2.W75,v.16**

453 **1909.** Strother, French. Saving the big trees; the need of further national, state, and private protection for the remnants of the groves that are being cut.
World's work, June, 1909, v. 18: 11697–11706. **AP2.W8,v.18**

454 **1909.** Cooper, Wilbraham V. Afforestation by the state.
Empire review, July, 1909, v. 17: 417–426. **DA10.E5,v.17**

455 **1909.** Price, O. W. Task of the Forest service.
Independent, Sept. 2, 1909, v. 67: 537–545. **AP2.I53,v.67**

456 **1909.** Kelsey, S. T. How our forests are wasted and why the need of government control.
Conservation, Nov. 1909, v. 15: 657–670. **SD1.F7,v.15**

457 **1909.** Case, Benjamin H. Conservation in southern Appalachians.
Manufacturers' record, Nov. 18, 1909, v. 56, no. 19: 55. **TS1.M3,v.56**

458 **1909.** Finney, John H. The South's concern in the Appalachian project and how to make its influence felt.
Conservation, Dec. 1909, v. 15: 741–751. **SD1.F7,v.15**

459 **1910.** Finney, John H. Forest resources and conservation.
American academy of political and social science. Annals, Jan. 1910, v. 35: 67–76. **H1.A4,v.35**

460 **1910.** Hall, W. L. A forward step in forest conservation.
American forestry, Jan. 1910, v. 16: 323–328. **SD1.F7,v.16**

461 **1910.** Whipple, James S. The forests.
Editorial review, Mar. 1910, v. 2: 253–262. **AP2.E26,v.2**

462 **1910.** The influence of forests on climate and floods.
American forestry, Apr. 1910, v. 16: 209–243.
The Appalachian forests and the Moore report, by Filibert Roth; Forests as factors in stream flow, by L. C. Glenn, A review of Prof. Willis L. Moore's report, by George F. Swain. **SD1.F7,v.16**

463 **1910.** Graves, Henry S. The advance of forestry in the United States.
American monthly review of reviews, Apr. 1910, v. 41: 461–466. **AP2.R4,v.41**

464 **1910.** The Weeks bill [for an Appalachian forest reserve] in Congress.
American forestry, Aug. 1910, v. 16: 463–480. SD1.F7,v.16

465 **1910.** Elliott, S. B. Agencies for the restoration and conservation of forests.
American forestry, Aug. 1910, v. 16: 481–489. SD1.F7,v.16

466 **1910.** Graves, Henry S. The forest and the nation.
American forestry, Oct. 1910, v. 16: 607–610.
An address delivered before the Second national conservation congress, St. Paul, Minn., Sept. 8, 1910. SD1.F7,v.16

467 **1910.** White, J. B. Conservation in relation to lumbering.
American lumberman, Oct. 15, 1910: 53–54.
TS800.A5 1910

468 **1910.** Cavanagh, Catherine Frances. Conservation of the Christmas tree.
Progress magazine, Dec. 1910, v. 10: 9–12. BF638.E8,v.10

469 **1911.** Fairbanks, C. W. Conservation of the state's timber resources.
American lumberman, Jan. 28, 1911: 84–85.
TS800.A5 1911

470 **1911.** Wilson, James. Protecting our forests from fire.
National geographic magazine, Jan. 1911, v. 22: 98–106.
From report of Secretary of agriculture for 1910. G1.N27,v.22

471 **1911.** Chapman, Herman H. Shall states regulate the management of private forests?
American forestry, Feb. 1911, v. 17: 82–88. SD1.F7,v.17

472 **1911.** Jenkins, W. C. Rapid disappearance of the forests. Who is to blame?
National magazine, Feb. 1911, v. 34: 479–488.
AP2.N34,v.34

473 **1911.** Page, Thomas Nelson. The people's possessions in the Appalachian forests.
American forestry, Mar. 1911, v. 17: 133–144. SD1.F7,v.17

474 **1911.** The passage of the Appalachian bill.
American forestry, Mar. 1911, v. 17: 164–167. SD1.F7,v.17

475 **1911.** Hardtner, H. E. Relation of the lumbermen of the south to conservation.
American lumberman, Mar. 18, 1911: 39–40.
TS800.A5 1911

476 **1911.** Fairbanks, W. H. Shall we use fire as an aid to forestry?
Overland monthly, Mar. 1911, n. s. v. 57: 304–312.
AP2.O9,n.s.v.57

477 **1911.** Hawes, Austin F. State ownership of forests.
American forestry, Apr. 1911, v. 17: 191–196. **SD1.F7,v.17**

478 **1911.** Griffith, E. M. Forest protective legislation proposed by Wisconsin.
American forestry, Apr. 1911, v. 17: 219–223.
An address delivered at the Lake states fire conference, Dec. 4, 1910.
SD1.F7,v.17

479 **1911.** Walker, T. B. Timber conservation as related to reciprocity.
American review of reviews, Apr. 1911, v. 43: 470–472.
AP2.R4,v.43

480 **1911.** Hawley, S. The forest crop, abuse and conservation of our timber supply.
Country life in America, Apr. 1, 1911, v. 19: 425–427.
S1.C85,v.19

481 **1911.** French, Willard. Speaking of conservation—Forest fires!
Lippincott's monthly magazine, Apr. 1911, v. 87: 511–512.
AP2.L55,v.87

482 **1911–1912.** Huffel, G. Le mouvement forestièr à l'étranger.
**Revue des eaux et forêts, Apr. 1911–June 1, 1912, v. 50: 204–210, 517–534, 659–663, 722–725, v. 51: 11–15, 342–344.*
Allemagne, Suisse, Hongrie, Autriche.

483 **1911.** Jackson, Edwin R. Forestry problems in the United States.
Sewanee review, Oct. 1911, v. 19: 462–469. **AP2.S5,v.19**

484 **1911.** State forestry—its relation to conservation.
American forestry, Dec. 1911, v. 17: 743–747. **SD1.F7,v.17**

485 **1912.** Very, F. W. Devastation of forests in the White Mountains.
Science, Jan. 5, 1912, n. s. v. 35: 31–35. **Q1.S35,n.s.v.35**

485a **1912.** Martin, Lannie Haynes. Conservation of the forest.
Out west, Mar. 1912, v. 3: 157–161. **F851.O96,v.3**

486 **1912.** Graves, Henry S. American forestry—a new movement to meet a growing need.
Country life in America, Apr. 15, 1912, v. 21: 33–34.
S1.C85,v.21

487 **1912.** Price, O. W. New forests for old.
Outlook, Apr. 27, 1912, v. 100: 947–955. AP2.08 v.100

487a **1912.** Ingram, J. E. Conservation of Texas' natural forestry resources.
Texas magazine, Nov. 1912, v. 7: 3–10. F381.T35,v.7

488 **Ashe**, W. W. The waste from soil erosion in the South.
American review of reviews, Apr. 1909, v. 39: 439–443.
AP2.R4,v.39

489 **Bennett**, Hugh Hammond. Making better use of our soils.
American review of reviews, Sept. 1909, v. 40: 313–323.
AP2.R4,v.40

490 **Dayton**, F. C. The use of waste timber land.
Technical world magazine, July, 1911, v. 15: 557–559.
T1.T2,v.15

491 **Denudation** and erosion in southern Appalachian region.
Geographical society of Philadelphia. Bulletin, Apr. 1911, v. 9: 87–92. **G3.G34,v.9**

492 **Donaldson**, Thomas Corwin. The public domain. Its history, with statistics, to June 30 and December 1, 1883. Prepared in pursuance of the acts of Congress of March 3, 1879, June 16, 1880, and August 7, 1882. Author's edition.
Washington, Govt. print. off., 1884. xi, 1343 p. fold. plates, fold. maps, fold. diagrs. 24½ cm.
Publication of the Public lands commission.
Issued also in the Congressional series as House misc. doc. 45, pt. 4, 47th Cong., 2d sess.
10–24235† **HD216.D7**

493 **Escher**, F. Conservation of the public domain.
Harper's weekly, Apr. 2, 1910, v. 54: 28. **AP2.H32,v.54**

493a **Fabre** L. A. Législation protectrice du sol montagneux en France.
Journal des économistes, Apr. 15, 1911, 6th ser., v. 30: 19–43.
HB3.J8,6th ser.,v.30

494 **Hill**, Robert Tudor. The public domain and democracy; a study of social, economic and political problems in the United States in relation to western development.
New York, Columbia university, Longmans, Green & co., agents; [etc., etc.] 1910. 253 p. 25 cm. (Studies in history, economics and public law, ed. by the Faculty of political science of Columbia university, vol. XXXVIII, no. 1, whole no. 100.)
"General bibliography": p. 241–249.
10–17582 **H31.C7**
HD197 1910

494a **Howe,** Frederick Clemson. Privilege and democracy in America.
New York, C. Scribner's sons, 1910. xii, 315 p. 21cm.
The rape of the nation: p. 28–44; The strangle hold of monopoly: p. 45–57.
10–9130 **HD1313.H85**

495 **Lipman,** Charles B. Conservation and the farmer.
Overland monthly, May, 1912, n. s. v. 59: 473–478.
AP2.O9,n.s.v.59

496 **McGee,** W J. Soil erosion.
Washington, Govt. print. off., 1911. 60, [2] p. illus., XXXIII pl. 23cm. (U. S. Dept. of agriculture. Bureau of soils. Bulletin no. 71.)
Agr 11–1062 **S591.A1,no.71**
QE581.M3

496a **McIntyre,** John N. The power behind the leasing bill. An explanation of the causes that have led up to the proposal to destroy individual ownership in Alaskan coal lands, which would effectually protect monopolists in the production and distribution of fuel.
Alaska-Yukon magazine, July, 1912, v. 13: 179–183.
F901.A39,v.13

497 **Mitchell,** G. E. Saving America's plant food: government withdrawal of the great phosphate beds of the West to prevent exportation.
American review of reviews, Apr. 1909, v. 39:444–448.
AP2.R4,v.39

497a **Myers,** Gustavus. History of the great American fortunes.
Chicago, C. H. Kerr & company, 1910. 3 v. pl., ports. 19½cm.
"The great land fortunes": v. 1, p. 97–296; "The seizure of the public domain": v. 2, p. 11–50.
9–32250 **HC103.M8**

498 **Newell,** Frederick Haynes. Proceedings of first conference of engineers of the Reclamation service, with accompanying papers.
Washington, Gov't print. off., 1904. 361 p., 1 l. illus. 23½cm. (U. S. Geological survey. Water-supply and irrigation paper no. 93.)
Conference held at Ogden, Utah, September 15–18, 1903.
G S 4–137 **TC801.U5,no.93**

499 **Newell,** Frederick Haynes. Proceedings of second conference of engineers of the Reclamation service, with accompanying papers.
Washington, Govt. print. off., 1905. 267, iii p. 23cm. (U. S. Geological survey. Water-supply and irrigation paper no. 146.)
Conference was held at El Paso, Tex., November 14 to 18, 1904, and adjourned to Washington, D. C., where it was continued from January 9 to 14, 1905.
G S 5–917 **TC801.U5,no.146**

500 ——— Progress in reclamation of arid lands in the western United States.
(*In* Smithsonian institution. Annual report. 1910. Washington, 1911. 23½cm. p. 169–198. 12 pl. on 6 l., map.)
"In continuation of papers printed in the Smithsonian reports for 1901, p. 407 to 423; 1903, p. 827 to 841; 1904, p. 373 to 381; 1907, p. 331 to 345."
11–31557 **Q11.S66 1910**

501 **Pridmore,** J. C. Erosion of agricultural lands.
Breeders' gazette, Mar. 13, 1912, v. 61: 647–648. **SF1.B8,v.61**

502 **Reform** of the land laws; conservation of national resources. Extracts from recommendations of the President, the secretary of the interior, and the commissioner of the General land office, etc.
Washington, Govt. print. off., 1910. 80 p. 23cm. ([U. S.] 61st Cong., 2d sess. Senate. Doc. 283.)
10–35089 **HD224.A5 1910**

503 **Roosevelt,** Theodore. Welfare of the farmer.
Outlook, Apr. 20, 1912, v. 100: 852–856. **AP2.O8,v.100**

504 **Shaw,** Albert. Political problems of American development.
New York, The Columbia university press, 1907. vii, 268 p. 20½cm. (Columbia university lectures . . . George Blumenthal foundation. 1907.)
"Problems relating to the settlement and use of the national domain": p. 87–115.
7–22104 **JK39.S53**

505 **Taft,** William Howard. Conservation of the soil.
[*Washington, Govt. print. off.*], *1911. 8 p. 23cm. (U. S. Dept. of agriculture. Office of the secretary. Circular no. 38.)*
"Address of President Taft before the National conservation congress, at Kansas City, Mo., September 25, 1911."
Agr 11–1656

505a **U. S.** *Congress. House. Committee on public lands.* Hearings on the question of leasing the public lands for grazing purposes. (H. R. 7212, 6246, 7954, 14108.) January 29 to June 4, 1902.
Washington, Govt. print. off., 1902. 236 p. 23cm.
"A compilation of speeches, petitions, letters, and laws on the question of leasing the vacant public lands for grazing purposes" by Wm. M. Reece, clerk of the committee.—*Introd.*
3-3153 **HD1641.U5A3**

506 ——— *Senate. Committee on irrigation.* Report on the inves- investigation of irrigation projects.
Washington, Govt. print. off., 1911. 917 p. 23cm. (61st Cong., 3d sess. Senate. Report 1281.)
11-35366 **HD1724 1911a**

507 ——— ——— *Committee on public lands.* Public and private rights in the public domain. no. 1-2.
Washington, Govt. print. off., 1910. 2 v. 23cm.
Knute Nelson, chairman.
10-35179 **HD171.A3 1910**

508 ——— *Public lands commission.* Report. With appendix.
Washington, Govt. print. off., 1905. xxiv, 373 p. 2 pl. (1 fold.) 2 fold. maps, diagrs. 23cm. (58th Cong., 3d sess. Senate. Doc. no. 189.)
Signed: W. A. Richards, F. H. Newell, Gifford Pinchot.
CONTENTS.—Partial report of the Public lands commission. (Senate doc. no. 188, 58th Cong., 2d sess.)—Second partial report of the Public lands commission. (Senate doc. no. 154, 58th Cong., 3d sess.)
Appendix: Questions regarding the public grazing lands of the western United States, by A. F. Potter.—A report on systems of leasing large areas of grazing land, together with an outline of a proposed system for the regulation of grazing on the public lands of the United States, by F. V. Coville.—Administration of the "timber and stone act," etc.—Operation of the commutation clause of the homestead act in the Dakotas, by J. H. Hatton.—Method and detail of business in the General land office.—The public domain and its disposition to June 30, 1904.
5-41887 **HD175.A3**

509 ——— *Reclamation service.* Annual report.
Washington, Govt. print. off., 1903-date. maps. 23½cm.
9-5120 **TC823.6.A2**

510 ——— ——— Reclamation record.
Washington, 1908-date. 26½cm. monthly.
9-35252 **TC823.6.A3**

511 **Van Hise**, Charles Richard. The conservation of natural resources in the United States.
New York, The Macmillan company, 1910. xiv p. 1 l, 413 p. illus. (maps, charts, tables). XVI pl. 21cm.
"The land": p. 263–358.
10–21139 **HC106.V18**

512 **Zon**, Raphael. The future use of land in the United States.
Washington, Govt. print. off., 1909. 15 p. illus. 23cm. (U. S. Forest service. Circular 159.)
Agr 9–65 **SD11.A27,no.150**

CONSERVATION OF HUMAN LIFE

512a **Abbott,** Samuel Warren. The past and present condition of public hygiene and state medicine in the United States.
[Boston, Wright & Potter printing company, 1900.] 102 p., 1 l. 6 maps (incl. front.) diagrs. 25½cm. (Monographs on American social economics. XIX.)
5-12262 **RA434.A14**
H31.M7

512b **Allen,** William Harvey. Civics and health.
Boston, New York [etc.] Ginn and company, [c1909]. xi, 411 p. incl. front. (port.) illus., tables. diagrs. 20cm.
9-5261 **RA413.A4**

513 **American academy of political and social science,** *Philadelphia.* The public health movement.
Philadelphia, American academy of political and social science, 1911. v, [1], 334 p. illus. 25½cm. (The annals of the American academy of political and social science. vol. XXXVII, no. 2.)

CONTENTS.—pt. I. The general problem: Health needs and civic action, by W. H. Allen; Housing and health, by L. Veiller; Scientific research by the public health service, by J. W. Kerr; The census and the public health movement, by C. L. Wilbur; Sources of information upon the public health movement, by R. E. Chaddock; Work of the Committee of one hundred on national health, by W. J. Schieffelin; Public health movement on the Pacific coast, by Sarah I. Shuey; Protecting public health in Pennsylvania, by S. G. Dixon; Health problems of the Indians, by J. A. Murphy; Health problems of the negroes, by J. A. Kenney.—pt. II. Disease carriers—the control of causes: The rural health movement, by C. W. Stiles; Sanitation in rural communities, by C. E. North; Tropical diseases and health in the United States, by J. M. Swan; The house fly as a carrier of disease, by E. Hatch, jr.; The mosquito campaign as a sanitary measure, by J. B. Smith; Clean milk and public health, by J. D. Burks; Ventilation and public health, by D. D. Kimball.—pt. III. Elimination of diseases—physical care of individuals: Social service work in hospitals, by R. C. Cabot; Mouth hygiene and its relation to health, by A. H. Merritt; The physical care of children, by W. S. Cornell; What American cities are doing for the health of school children, by L. P. Ayres; The elimination of feeblemindedness, by H. H. Goddard; Prevention of infantile blindness, by C. F. F. Campbell; The warfare against infant mortality, by S. W. Newmayer.

11-5432 **H1.A4,v.37**
RA422.5.A5

514 **American association for labor legislation.** Industrial diseases.
American labor legislation review, June, 1912, v. 2: 185–366.
Bibliography on industrial hygiene: p. 367–417.

514a **Association of life insurance presidents,** *New York.* Movement to lengthen life; abstracts from some editorial comments on suggestions concerning ways to increase human longevity, by Irving Fisher and by Burnside Foster.
New York, The Association of life insurance presidents, [1909?] cover-title. 24 p. 23cm.
12–10332 **HG8932.A7**

514b **Baker,** M. N. City and state boards of health and the proposed federal department of health.
(*In* National municipal league. Proceedings, Buffalo, New York, 1910. [Philadelphia, 1910.] 22cm. p. 446–449.)
JS302.N48 1910

514c **Bates,** John Lewis. Public health bureau or service. Address before the Committee on public health and national quarantine, Saturday, March 30, 1912, with relation to Senate bills 1 and 5972, proposing the establishment of a public health bureau or service.
Washington, [Govt. print. off.], 1912. 27 p. 22½cm. ([*U. S.*] *62d Cong., 2d sess. Senate. Doc. 560.*)
12–35470 **RA11.A3 1912 a**

514d **Berg,** W. N. Federal expenditures for the conservation of the national health.
Science, Apr. 22, 1910, n. s., v. 31: 611–613. **Q1.S35,v.31**

514e **Cox,** Robert Lynn. Lengthening human life as a business proposition. Remarks made before the Senate committee on public health and national quarantine, Washington, D. C., April 29, 1910, in advocacy of Senator Owen's bill to establish a Federal department of health.
[*New York, Association of life insurance presidents, 1910?*] *cover-title, 5 p. 23cm.*
12–10333 **HG8932.C7**

515 **Dix,** John A. Conservation of mankind.
Survey, Mar. 2, 1912, v. 27: 1880–1890. **HV1.C4,v.27**

516 **Dominion public health conference,** *Ottawa,* 1910. [Report of proceedings.]
(*In* Canada. Commission of conservation, 2d annual report. Montreal, J. Lovell & son, 1911. 25½ cm. p. 118–219.)
HC111.A3 1911

516a **Eno,** William P. Saving life, time and money. Millions of dollars and many lives saved annually—Uniform regulations necessary—The work begun in Paris.
American conservation, July, 1912, v. 1: 197–203.
HC101.A45,v.1

516b **Evans,** W. A. Legal powers of health departments. Requirements and limitations of police power laws. Importance of safeguarding the right of the community to protect itself.
American city, Aug. 1912, v. 7: 121–125. **HT**

517 **Fisher,** Irving. Bulletin of the Committee of one hundred on national health, being a report on national vitality, its wastes and conservation; prepared for the National conservation commission.
Washington, Govt. print. off., 1909. ix, 138 p. 24cm. (Committee of one hundred on national health, Bulletin no. 30, July, 1909.)
E 9–1599 **RA445.F5**

517a ——— Economic aspect of lengthening human life, address delivered before the Association of life insurance presidents, New York, February 5, 1909.
[New York, 1909.] cover-title, 18 p. 23½cm.
9–15530 **HG8931.F5**

517b ——— Memorial relating to the conservation of human life as contemplated by bill (S. 1) providing for a United States public health service. Prepared by Irving Fisher, assisted by Miss Emily F. Robbins.
Washington, Govt. print. off., 1912. 82 p. 23cm. ([U. S.] 62d Cong., 2d sess. Senate. Doc. 493.)
12–35641 **RA445.F54**

518 ——— National vitality, its wastes and conservation. Extract from report of the National conservation commission (Senate document no. 676, vol. III, Sixtieth Congress, second session).
Washington, Govt. print. off., 1910. p. [619]–751. diagr. 23cm. ([U. S.] 61st Cong., 2d sess. Senate. Doc. no. 419.)
Issued also with title: Bulletin 30 of the Committee of one hundred on national health, being a report on national vitality.
CONTENTS.—pt. I. Length of life versus mortality.—pt. II. Breadth of life versus invalidity.—pt. III. Methods of conserving life.—pt. IV. Results of conserving life.
10–35407* **RA445.F53**

518a **Fisk,** Eugene L. What the life-insurance companies can do to increase the physical welfare of their policyholders.
[*New York? 1912.*] *17 p. 23cm.*
References: p. 17.
Address delivered before the American association of life insurance examiners at Atlantic City, June 3, 1912.

518b **Gompers,** Samuel. Scientists sustain organized labor's demands. Conservation of life. Physical and mental health a question of wages and hours.
American federationist, Dec. 1912, v. 19: 981–992.
HD8055.A5A2,v.19

519 **Hodgetts,** Charles Alfred. An address on pure water and the pollution of waterways, before the Dominion public health conference, a meeting of dominion and provincial public health representatives with the members of the Committee on public health of the Commission of conservation.
[*Ottawa, Copeland-Chatterson-Crain, limited, 1910.*] *54 p. 22½cm.*
Agr 10–1778 **RA591.H6**

519a **Holmes,** Arthur. The conservation of the child; a manual of clinical psychology, presenting the examination and treatment of backward children.
Philadelphia, J. B. Lippincott company, 1912. 345 p. illus. plates. 19½cm. (Lippincott's educational series, vol. 10.)
12–24900 **LB1091.H6**

520 **International commission on the control of bovine tuberculosis.** Report of the International commission on the control of bovine tuberculosis; presented for the consideration of the Dominion public health conference, a meeting of dominion and provincial public health representatives with the members of the Committee on public health of the Commission of conservation.
Ottawa, Copeland-Chatterson-Crain, limited, 1910. 41 p. 22½cm.
Agr 10–1779

520a **Knopf,** S. A. The Owen bill for the establishment of a federal department of health, and its opponents.
Popular science monthly, Oct. 1910, v. 77: 373–378.
AP2.P8,v.77

520b **Leupp,** Constance D. Campaigning for babies' lives.
McClure's magazine, Aug. 1912, v. 39: 361–373.
AP2.M2,v.39

520c **Lovejoy,** Owen R. Child labor vs. the conservation of school children.
Child, Sept. 1912, v. 1: 23–26.

521 **McGrath,** W. M. Conservation of health.
Survey, Jan. 6, 1912, v. 27: 1501–1514. **HV1.C4,v.27**

521a **McKelway,** A. J. Conservation of childhood.
Survey, Jan. 6, 1912, v. 27: 1515–1526.
HV1.C4,v27

522 **National** public health; papers, opinions, letters, etc., relative to the national public health, in the consideration of Senate bill (S. 6049) "A bill establishing a Department of public health, and for other purposes."
Washington, Govt. print. off., 1910. 240 p. diagrs. 23cm. ([*U. S.*] *61st Cong., 2d sess. Senate. Doc. 637.*)
10–35983 **RA11.A3 1910d**

522a **Norton,** John Pease. The economic advisability of inaugurating a national department of health.
Chicago, Press of the American medical association, 1906. 15 p. 21½cm.
Reprinted from the Journal of the American medical association, Sept. 29, 1906, vol. XLVII, p. 1003–1007.
6–42228 **RA415.N8**

523 **Owen,** Robert L. Race conservation—The conservation of human life and efficiency—The department of health and the so-called league of medical freedom. Speech in the Senate, June 23, 1911.
Congressional record, 62d Cong., 1st sess., v. 47, pt. 3: 2473–2479. **J11.R5,v.47,pt.3**

523a **Paton,** Stewart. The world's most important conservation problem.
Popular science monthly, Aug. 1912, v. 81: 163–169.
Discusses the conserving and increasing of the brain power of mankind. **AP2.P8,v.81**

523b **Peabody,** Susan Wade. Historical study of legislation regarding public health in the states of New York and Massachusetts.
Chicago, 1909. iv, 158 p. 24cm.
Bibliography: p. 140–143.
9–21840 **RA447.N7P5**

524 **Pennsylvania.** *Dept. of health.* The conservation of child life in Pennsylvania.
Harrisburg, C. E. Aughinbaugh, 1910. 12 p. 23½cm. (Health bulletin, no. 14.)

525 ——— ——— Conservation of human life in Pennsylvania. The results of four years work of the department.
Harrisburg, C. E. Aughinbaugh, 1910. 9 p. 23½cm. (Health bulletin, no. 9.)

525a **Richards,** Ellen Henrietta (Swallow) "Mrs. R. H. Richards." Conservation by sanitation; air and water supply; disposal of waste <including a laboratory guide for sanitary engineers>.
New York, J. Wiley & sons; [etc., etc.] 1911. xii, 305 p. front., illus., fold. map, tables. 23½cm.
11-1295 **RA425.R54**

525b **Richards,** Ralph Coffin. Conservation of men; address to the operating men of the Chicago & North western railway on the prevention of accidents.
[Geneva? Ill.], 1910. 90 p. 18cm.
10-21140 **HE1780.R6**

525c ——— The conservation of men.
Railway world, July 12, 1912, v. 56: 616–618. **TF1.R68,v.56**

525d **Robertson,** James Wilson. Conservation of life in rural districts.
New York, Association press, 1911. 46 p. 16cm.
11-11288

525e **Sercombe,** Parker H. Health conservation and well communities v. materia medica and sick communities. Memorial to Congress relative to bill (S. 1) to establish a national health service.
Washington, [Govt. print. off.], 1912. 14 p. 23½cm. (U. S.] 62d Cong., 2d sess. Senate. Doc. 647.)
12-35631 **RA11.A3 1911b**

525f **Smith,** Garret. Saving babies in New York city.
Survey, Sept. 7, 1912, v. 28: 698–699. **HV1.C4,v.28**

526 **Taft,** William Howard. The public health. Address before the Philadelphia medical club, at the Bellevue-Stratford, Philadelphia, Pa., on May 4, 1911.
Washington [Govt. print. off.] 1911. 7 p. 23cm. ([U. S.] 62d Cong., 1st sess. Senate. Doc. 84.)
11-35629 **RA436.T3**

527 **U. S.** *Congress. House. Committee on interstate and foreign commerce.* Statement of Professor Fisher on national health legislation. February 13, 1909.
Washington, Govt. print. off., 1909. 14 p. 23cm.
9-35365 **RA11.A3 1909**

527a ——— *Senate. Committee on public health and national quarantine.* United States public health service. Report. <To accompany S. no. 1.>
[*Washington, Govt. print. off., 1912.*] *7 p. 22½cm. (62d Cong., 2d sess. Senate. Rept. 619.)*
12-35483 **RA11.A3 1912**

527b ——— *President's homes commission.* Report of Committee on social betterment, by George M. Kober.
Washington, D. C., The President's homes commission, 1908. 281 p. incl. tables. charts. 23½cm.
Also published in "Reports of the President's homes commission. Message from the President . . ." Washington, 1909. (Senate doc. 644, 60th Cong., 2d sess., p. 25-381)
A 10-1387 **HD7304.W3A52 1908**

528 **Van Hise,** Charles Richard. The conservation of natural resources in the United States.
New York, The Macmillan company, 1910. xiv p., 1 l, 413 p. illus. (maps, charts, tables). XVI pl. 21cm.
"The conservation of man himself": p. 364-372.
10-21139 **HC106.V18**

528a ——— The future of man in America.
World's work, June, 1909, v. 18: 11718-11724.
AP2.W8,v.18

528b **Where** centralization does no harm.
Nation, Feb. 15, 1912, v. 94: 151-152.
On the proposal to establish a national department of health.
AP2.N2,v.94

529 **Wiley,** Harvey W. The public health, the greatest of our national assets.
American conservation, Aug. 1911, v. 1: 239-242.
HC101.A45,v.1

530 **Wyman,** Walter. The health of the nation.
[*New York? 1905.*] *cover-title, 11 p. 18½cm.*
Reprinted from the New York state journal of medicine, March, 1905.
5-30641 **RA436.W96**

531 ——— The present organization and work for the protection of health in the United States. (2d ed.)
Washington, Govt. print. off., 1912. 12, iii p. 23½cm.
"Reprint from the Public health reports, vol. XXV, no. 38, September 23, 1910."
12-35493 **RA11.A3 1910f**

532 **Canada.** *Commission of conservation.* Lands, fisheries and game, minerals, 1911.

Ottawa, The Mortimer co., ltd., 1911. 1 v. plates, maps (partly fold.) fold. tables, diagrs. 25½ cm.

11-26482 **HC111A35**

533 ——— Protest against further diversion of water from Lake Michigan for the Chicago drainage canal. Presented at Washington, Mar. 27, 1912.

Ottawa, R. L. Crain co., limited, 1912. 27 p. map. fold. diagr. 23½ cm.

12-16309 **HD1694.A2**

534 ——— Report of the first-third annual meeting.

Ottawa, 1910-1912. 3 v. plates, maps (partly fold.) 25½ cm.

Chairman: Clifford Sifton.

PARTIAL CONTENTS.—1910. The conservation of agricultural resources, by James W. Robertson: p. 42-59; Possible economies in production of minerals of Canada, by Eugene Haanel: p. 60-75; The conservation of the natural resources of Ontario, by Frank Cochrane: p. 75-82; The conservation of the water-powers of Ontario, by Adam Beck: p. 82-100; Fish and game in Ontario, by Kelly Evans: p. 100-106; Fur-bearing animals in Canada, and how to prevent their extinction, by F. T. Congdon: p. 107-114; Measures for the maintenance and improvement of the public health, by P. H. Bryce: p. 114-134; The water wealth of Canada, by Charles R. Coutlee: p. 152-169.

1911.—The work of conservation, by John Hendry: p. 89-92; Conserving the forests, by John Hendry: p. 92-94; The forestry problems of British Columbia, by A. C. Flumerfelt: p. 97-104.

1912.—Reports of work by Committees: Public health, Lands, Forests, Minerals, Fisheries, game, etc., Water powers; Press and cooperating organizations; Forest survey of Nova Scotia, by B. E. Fernow: p. 50-55; Improving Canadian agriculture, by James W. Robertson: p. 89-105; Agriculture survey, 1911, by F. C. Nunnick: p. 106-129; Housing and town planning by C. A. Hodgetts: p. 130-148.

10-14953† **HC111.A3**

535 ——— ——— Water-powers of Canada, by Leo G. Denis, and Arthur V. White.

Ottawa, The Mortimer co., ltd., 1911. 5 p. l., 5-397 p. plates, maps (partly fold.) diagrs. 25 cm.

Clifford Sifton, chairman.

Bibliography: p. [347]-376.

Appendices: Boundary water treaty of 1909.—Bed of navigable waters act, Ontario.—Electricity and fluid exportation act, Canada.—Regulations under the Electricity and fluid exportation act.—Form of license to export power, Canada.

12-6832 **HD1696.C2A5 1911**

536 **Canada.** *Parliament. Senate. Select committee on natural food products of Northwest Territories.*
[Second report and minutes of evidence of the Select committee of the Senate on the existing natural food products of the North-west Territories, and the best means of conserving and increasing them.] Printed by order of Parliament.
Ottawa, Printed by Maclean, Roger & co., 1887. 184 p., 1 l. 24cm. ([Parliament, 1886]–1887. Senate. Journals. Appendix no. 1)
John Schultz, chairman.
CA 10–4376 **HC117.N5A5 1887**

537 **Patton,** M. J. Organized conservation in Canada.
Queen's quarterly, July–Sept. 1910, v. 18: 26–33.
AP5.Q3,v.18

537a ——— The Canadian conservation movement.
Empire review, Oct. 1912, v. 24: 165–175.
CONTENTS.—I. History of the movement.—II. Nature and powers of the Commission of conservation.—III. What has been accomplished. **DA10.E5,v.24**

538 **Proper** use of natural resources: A national conference for the discussion of problems affecting the great natural resources which lie at the basis of the country's prosperity.
Industrial Canada, Feb. 1911, v. 11: 745–746.
Report of meetings of the Canadian Commission of conservation and the Canadian forestry association.

539 **Ross,** A. H. D. Our vanishing birthright.
Canadian magazine, Mar. 1909, v. 32: 394–404.
AP5.C2,v.32

540 **Russell,** Thomas Herbert. Natural resources and national wealth; irrigation.
Chicago, National institute of business, [c1911]. 448 p. illus. (incl. maps, diagrs.) 24½cm. (Practical business library, vol. XI.)
"Conservation in Canada": p. 417–436.
11–24734 **HC106.R8 1911**

541 **Sifton,** Clifford. Canada's conservation commission; what it is doing to protect the natural resources of Canada.
American conservation, June, 1911, v. 1: 171–178.
HC101.A45,v.1

542 **Van Sant,** H. D. Forestry conservation in Canada.
Paper trade journal, Apr. 28, 1910, v. 50: 54.
TS1080.P2,v.50

SPEECHES, ETC., IN CONGRESS, 60TH CONG., 1ST SESS., TO 62D CONG., 2D SESS., IN THE CONGRESSIONAL RECORD

543 **Austin,** Richard W. The National conservation exposition at Knoxville, Tenn., in the fall of 1913. v. 48, pt. 4: 3945–3948.

544 **Ballinger,** R. A. Extract from report of Hon. R. A. Ballinger, November 10, 1909. v. 45, pt. 1: 362–366.

545 **Beveridge,** Albert J. Remarks in the Senate, February 23, 1910, on bill (S. 6706) to reserve coal deposits in Alaska. v. 45, pt. 3: 2243–2244.

546 **Borah,** William E. Conservation of natural resources. Speech in the Senate, June 20, 1910. v. 45, pt. 8: 8509–8520.

547 **Burton,** Theodore E. Conservation of navigable rivers. Speech in the Senate, June 24, 1910. v. 45, pt. 8: 8880–8892.

548 ——— Conservation of navigable rivers. Speech in the Senate, Feb. 15, 1911. v. 46, pt. 3: 2577–2587.

549 **Cole,** Ralph D. Appalachian forest reserve. Speech in the House of Representatives, June 24, 1910. v. 45, pt. 8: 9009–9012.

550 **Currier,** Frank D. Appalachian forest reserve. Speech in the House of Representatives, June 24, 1910. v. 45, pt. 8: 8991–8994.

551 **Daniel,** John W. National forests. Speech in the Senate, May 16, 1908. v. 42, pt. 7: 6406–6408.

552 **Garfield,** James R. Conservation. An address delivered at the University of Wisconsin. v. 45, pt. 1: 364–366.

553 **Gilhams,** Clarence C. Acquisition of national forests in the southern Appalachian mountains and White mountains. Speech in the House of Representatives, Mar. 1, 1909. v. 43, pt. 4: 3555–3562.

553a **Heflin,** J. Thomas. Dam across the Coosa river at Lock 18, Alabama. Speech in the House, Aug. 22, 1912. v. 48, pt. 11: 11589–11592.

554 **Howland,** Paul. Appalachian forest reserve. Speech in the House of Representatives, June 24, 1910. v. 45, pt. 8: 8988–8991.

555 **Humphrey,** William E. Conservation of natural resources. Speech in the House of Representatives, Feb. 3, 1909. v. 43: 1786–1806.

556 **Martin,** John A. The forest reserves. Speech in the House of Representatives, January 7, 1910. v. 45, pt. 1: 393–397.

557 **Mondell,** Frank W. Forest reserves and their administration. Speech in the House of Representatives, Feb. 2, 1911. v. 46, pt. 2: 1854–1857.

558 ——— Shall the people or the bureaus rule? Speech in the House of Representatives, December 20, 1909. v. 45, pt. 1: 265–271.

Opposed to the policy of federal control of water power.

559 **Morse,** E. A. Speech in the House, May 14, 1910, on conservation of mineral lands and water power. v. 45, pt. 6: 6298–6303.

560 **Newlands,** Francis G. National forests. Speech in the Senate, May 16, 1908. v. 42, pt. 7: 6401–6406.

Incorporated are remarks of Mr. Bryan on the subject.

561 ——— Regulation of navigable rivers. Speech in the Senate, Feb. 15, 1911. v. 46, pt. 3: 2587–2595.

562 **Parker,** R. Wayne. Speech in the House of Representatives on the Appalachian forest reserve, June 24, 1910. v. 45, pt. 8: 8994–9007.

563 **Pinchot,** Gifford. Conservation and equal opportunity. Address before the People's Forum, December 26, 1909. v. 45, pt. 1: 366.

Letter from Gifford Pinchot to Senator J. P. Dolliver, Jan. 5, 1910, p. 368.

564 **Seattle. Chamber of commerce.** Attitude of Seattle chamber of commerce on conservation. Report adopted March 22, 1910. v. 45, pt. 4: 4254.

565 **Shafroth,** John F. [Conservation of our natural resources from a western standpoint.] Address at the Trans-Mississippi commercial congress, at Kansas City, Mo., Nov. 15, 1911. v. 48, Appendix: 3–6.

Introduced into the Record by Edward T. Taylor of Colorado.

Opposed to federal control of natural resources; favorable to prevention of waste and monopolization.

566 **Simmons,** F. M. Conservation of navigable rivers. Speech in the Senate, Feb. 15, 1911. v. 46, pt. 3: 2595–2600.

567 **Smith,** Sylvester C. Speech in the House, Jan. 8, 1910, on conservation. v. 45, pt. 1: 417–422.

568 **Sulzer,** William. "We must preserve our forests, protect our watersheds, and promote the utilities of our rivers from source to sea—this is the plain duty of the hour, and if we fail to do it, we invite the deluge and create the desert." Speech in the House of Representatives, May 21, 1908. v. 42, pt. 7: 6694–6695.

569 **Taft,** William H. Address to the National conservation congress in St. Paul, Minn., September 5, 1910. v. 46, pt. 1: 34–39.

570 **Tawney,** James A. Conservation of natural resources. Speech in the House of Representatives, July 27, 1909. v. 44, pt. 5: 4614–4617.

571 **Taylor,** Edward T. The expensive luxury of federal conservation. Speech in the House of Representatives, March 2 1911. v. 46, pt. 4: 4016–4020.

572 ——— Federal encroachments upon the rights of the West. Speech in the House of Representatives, Feb. 1, 1910. v. 45, pt. 2: 1349–1354.

573 **Teller,** Henry M. National forests. Speech in the Senate, May 16, 1908. v. 42, pt. 7: 6385–6391.

Appended is House report no. 1514, 60th Cong., 1st sess., on the power of the Federal government to acquire lands for national forest purposes: p. 6392–6401.

574 **Thorp,** Freeman. Conservation of the water supply. Letter to Hon. E. W. Martin, May 4, 1912. v. 48, pt. 6: 6032–6033.

575 **U. S.** *Congress.* A bill (S. 4501)to enable any state to cooperate with any other state or states, or with the United States, for the protection of the water-sheds of navigable streams, and to appoint a commission for the acquisition of lands for the purpose of conserving the navigability of navigable rivers. v. 45, pt. 8: 8803–8818.

576 ——— *House.* Inland waterways commission. Debate in the House of Representatives, May 16, 1908. v. 42, pt. 7: 6419–6424.

576a ——— ——— Debate in the House, Aug. 20, 22, 1912, on the water-power conservation movement. v. 48, pt. 11: 11369–11380, 11567–11597.

Messrs. Rainey, Austin, Heflin, Adamson, Humphreys, Clayton, Mondell, and others.

Water power and the future, by Harry A. Slattery: p. 11374–11375.

Laws of the states: p. 11572–11576. Bill passed: p. 11597.

577 ——— *Senate.* Debate in the Senate, Feb. 15, 1911, on conservation of navigable rivers. v. 46, pt. 3: 2574–2602.

Remarks by Senators Brandegee, Newlands, Heyburn, and others.

578 ——— ——— Debate in the Senate, May 14, 16, 1912, on conservation. v. 48, pt. 7: 6380–6403, 6531–6552.

Senators Heyburn, Chamberlain, Newlands, and others.

Party platforms relating to conservation: p. 6531.

578a ——— ——— Debate in the Senate, Aug. 14, 16, 1912, on bill (S. 7343) to authorize the building of a dam across the Coosa River, Ala. v. 48, pt. 11: 10882–10890, 11046–11052.

Senators Burton, Borah, Bankhead, Poindexter, J. F. Johnston, and others. Bill passed: p. 11052.

579 ——— *President, 1909–1913 (Taft).* Conservation of national resources. Special message of the President of the United States, January 14, 1910. v. 45, pt. 1: 621–624, *same,* 680–682.

580 **Volstead,** Andrew J. Speech in the House, June 16, 1910, on conservation. v. 45, pt. 8: 8322–8324.

581 **Elliott,** Henry W. Letter from the secretary of the Treasury, transmitting a copy of the report on the condition of the fur-seal fisheries of Alaska, together with all maps and illustrations accompanying said report.

Washington, Govt. print. off., 1896. 240 p. 48 pl., 14 maps (partly fold.) 23½ cm. ([U. S.] 54th Cong., 1st sess. House. Doc. no. 175.)

Found also in U. S. Treasury dept. Special agents division. Seal and salmon fisheries and general resources of Alaska . . . Washington, 1898.

An earlier report was printed in 1882.

5-4[illegible] **SH361.E4**

582 **Gt. Brit.** *Treaties, etc., 1910– (George v)* Despatch from His Majesty's ambassador at Washington containing the text of the treaty for the preservation and protection of the fur seals which frequent the waters of the North Pacific Ocean. Signed at Washington, July 7, 1911. Presented to both houses of Parliament by command of His Majesty, December, 1911.

London, Pub. by H. M. Stationery off., printed by Harrison and sons, [1911]. 1 p. l., 5 p. 33 cm. ([Foreign office] Miscellaneous. no. 12 (1911).)

Signed by the plenipotentiaries of the United States, Great Britain, Japan and Russia.

12-3800 **JX285 1911**

583 **Heath,** Harold. Special investigation of the Alaska fur-seal rookeries, 1910.

Washington, Govt. print. off., 1911. 1 p. l., 22 p. 23 cm. ([U. S.] Bureau of fisheries. Doc. 748.)

F 11-374 **SH361.H4**

584 **Jordan,** David S. *and* George A. **Clark.** Fur seals and their enemies.

American review of reviews, Mar. 1912, v. 45: 315–317.

AP2.R4,v.45

585 **Smith,** H. M. Making the fur seal abundant.

National geographic magazine, Dec. 1911, v. 22: 1139–1165.

G1.N27,v.22

586 **Sulzer,** William. The preservation of the fur seals.

Editorial review, May, 1912, v. 6: 414–422. **AP2.E26,v.6**

587 **Thompson,** D'Arcy. Report on his mission to Behring sea in 1896 [and 1897]. Presented to both houses of Parliament by command of her Majesty.
London, Printed for H. M. Stationery office, by Harrison and sons, 1897–1898. 2 v. 33cm. (Gt. Brit. [Foreign office] U. S. No. 3 (1897) No. 1 (1898).)
J301.K6 1897,v.102; 1898,v.105

588 **U. S.** *Bureau of fisheries.* The fur-seal fisheries of Alaska in 1909–1910.
Washington, Govt. print. off., 1910–1911. 2 v. 23cm. (Doc. no. 735–749.)
F 11-1 **SH361.U23**

589 ——— *Congress. House. Committee on foreign affairs.* The fur seals convention. Report. <To accompany H. R. 16571.>
[*Washington, Govt. print. off., 1912.*] *29 p. 23cm. (62d Cong., 2d sess. House. Rept. 295.)*
"Treaty series no. 564. Convention between the United States and other powers providing for the preservation and protection of fur seals. Signed at Washington, July 7, 1911 . . .": p. 21–29.
12–35146 **SH361.U4 1911d**

590 ——— ——— ——— Protection and regulation of the seal fisheries of Alaska. Report. <To accompany H. R. 20047.>
[*Washington, Govt. print. off., 1912.*] *7 p. 23½cm. (62d Cong., 2d sess. House. Rept. 321.)*
12–35162 **SH361.U4 1912**

591 ——— ——— ——— Protection of fur seals and sea otter. Hearings, January 3 and 4, 1912, on H. R. 16571, a bill to give effect to the convention between the governments of the United States, Great Britain, Japan, and Russia, for the preservation and protection of the fur seals and sea otter which frequent the waters of the North Pacific ocean, concluded at Washington, July 7, 1911.
Washington, Govt. print. off., 1912. 150 p. 23½cm.
William Sulzer, chairman.
Statements of Chandler P. Anderson, Charles Earl, W. I. Lembkey, Barton W. Evermann, Henry W. Elliott, etc.
Text of treaty.
12–5738 **SH361.U4 1912a**

592 ——— ——— *Committee on ways and means.* Propagation of fur-bearing animals in Alaska. Report. <To accompany H. R. 18933.>
[*Washington, Govt. print. off., 1908.*] *6 p. 23cm. (60th Cong., 1st sess. House. Rept. 1366.)*
On bill providing for the leasing of islands in Alaska.
8–35326 **HD9944.A3A4 1908**

593 **U. S.** *Congress. Senate. Committee on conservation of national resources.* Fur-seal fisheries. Hearings before the Committee on conservation of national resources on bill (S. 7242) entitled "An act to protect the seal fisheries of Alaska, and for other purposes."
Washington, Govt. print. off., 1910. 32 p. 2 fold. maps, diagr. 23cm. (61st Cong., 2d sess. Senate. Doc. 605.)
10–35906 **SH361.U6 1910**

594 ——— ——— ——— Seal fisheries of Alaska. Report. <To accompany S. 7242.>
[*Washington, Govt. print. off., 1910.*] *6 p. 23cm. (61st Cong., 2d sess. Senate. Rept. 441.)*
10–35401 **SH361.U4 1910**

595 ——— *Dept. of commerce and labor.* Report on the Alaskan fur-seal fisheries, by Edwin W. Sims.
Washington, Govt. print. off., 1906. 59 p. 23cm. (59th Cong., 2d sess. House. Doc. 251.)
6–35368 **SH361.U4 1906**

596 ——— ——— Seal islands of Alaska. Letter from the secretary of commerce and labor transmitting information relating to the seal islands of Alaska.
Washington, [*Govt. print. off.*], *1911. 1232 p. 23cm. (62d Cong., 1st sess. House. Doc. 93.)*
11–35777 **SH361.U4 1911**

597 ——— *Treasury dept. Commission on fur-seal investigations.* The fur seals and fur-seal islands of the North Pacific Ocean. By David Starr Jordan. With special papers by other contributors.
Washington, Govt. print. off., 1898–99. 4 v. fronts. (v. 1, 3) illus., plates, maps (partly fold.) diagrs. and atlas of 14 fold. charts (no. 3214–3227) 27½cm.
7–26480 **SH361.U5**

598 ——— ——— *Special agents division.* Seal and salmon fisheries and general resources of Alaska.
Washington, Govt. print. off., 1898. 4 v. illus., plates (partly col., partly fold.) ports., maps (partly fold.) charts. 23½cm. (55th Cong., 1st sess. House. Doc. no. 92. pt. 1–4.)
1–15694 **F909.U65**
SH361.U52

599 **U. S.** *Treaties, etc., 1909–1913.* (*Taft*). Fur seal convention. *Washington,* [*Govt. print. off., 1912*]. *13 p. 23cm.* (*62d Cong., 2d sess. House. Doc. 916.*)

Signed at Washington, July 7, 1911, by representatives of the United States, Great Britain, Japan, and Russia.

12–40609 **JX238.F82 1912a**

600 ——— ——— Fur seal protection. Message from the President transmitting a convention looking to the protection and preservation of fur seals and sea otters in a certain defined zone of the North Pacific Ocean, signed by the plenipotentiaries of the United States, Great Britain, Japan, and Russia, at Washington on July 7, 1911.

Washington, [*Govt. print. off.*], *1911. 11 p. 23cm.* (*62d Cong., 1st sess. Senate. Doc. 75.*)

11–35618 **SH361.U4 1911**

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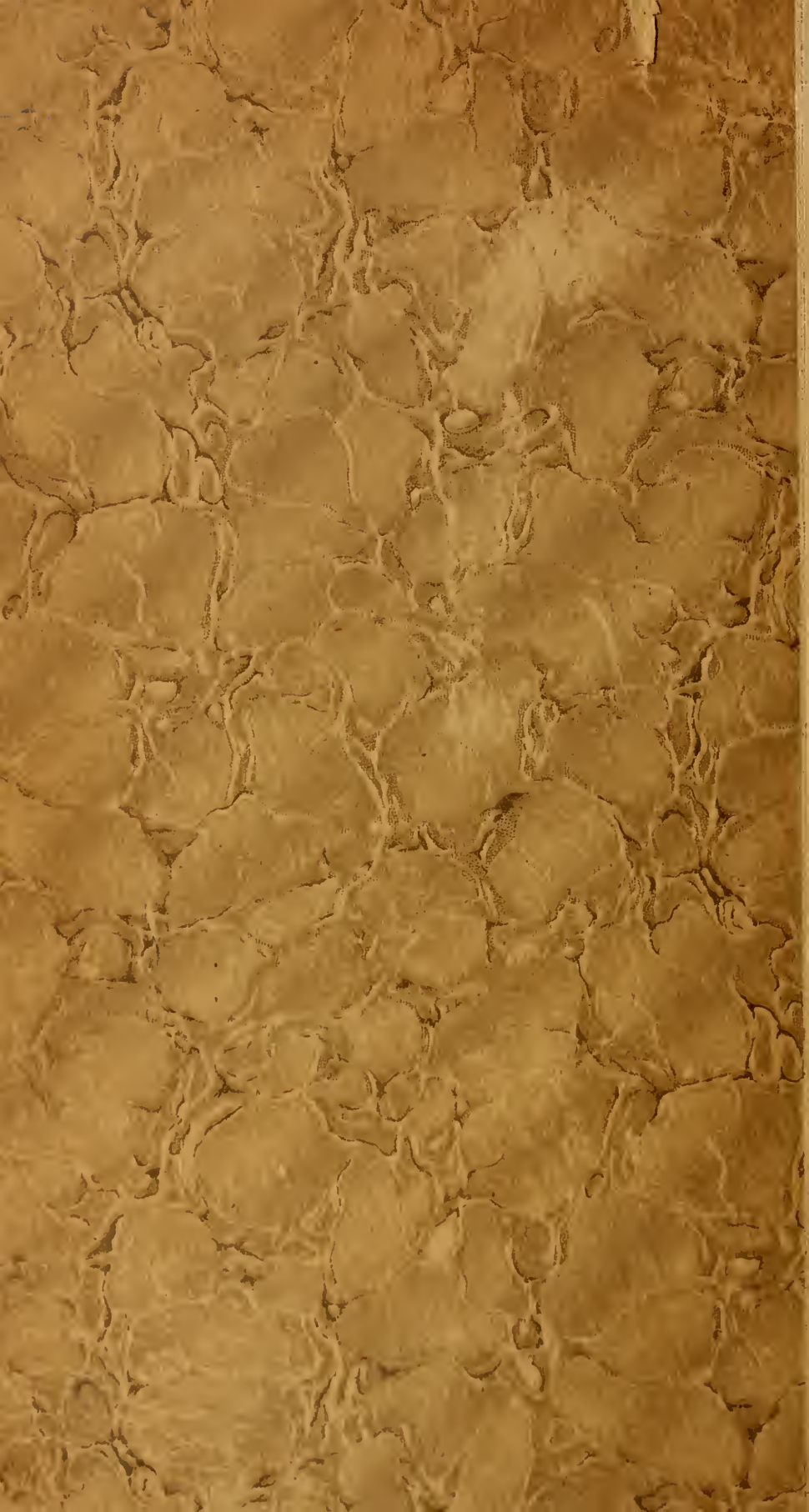
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